

Fig. 1A

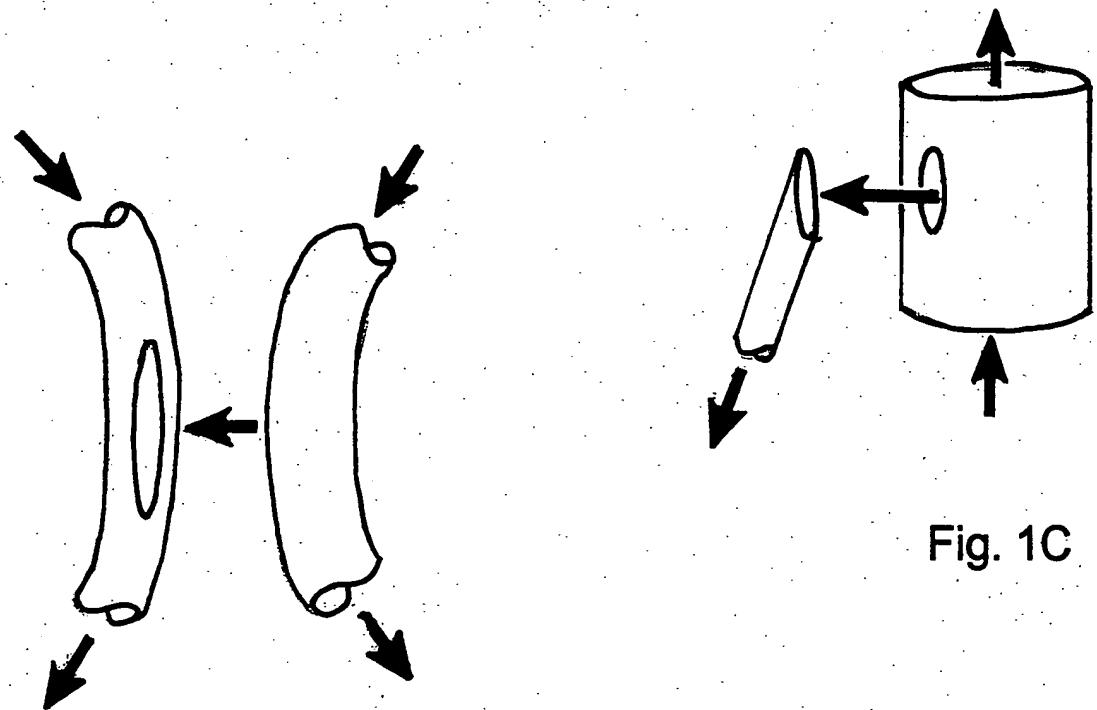


Fig. 1C

Fig. 1B

Fig. 3A

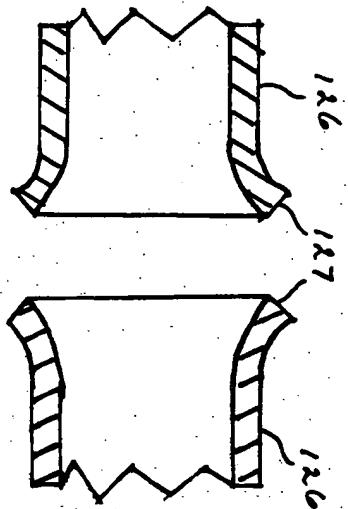


Fig. 3B

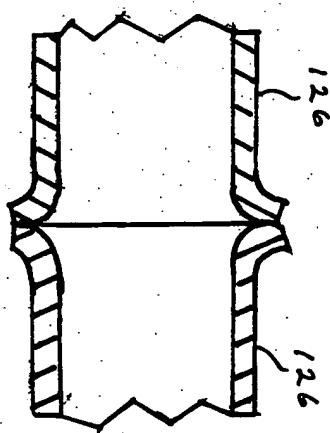
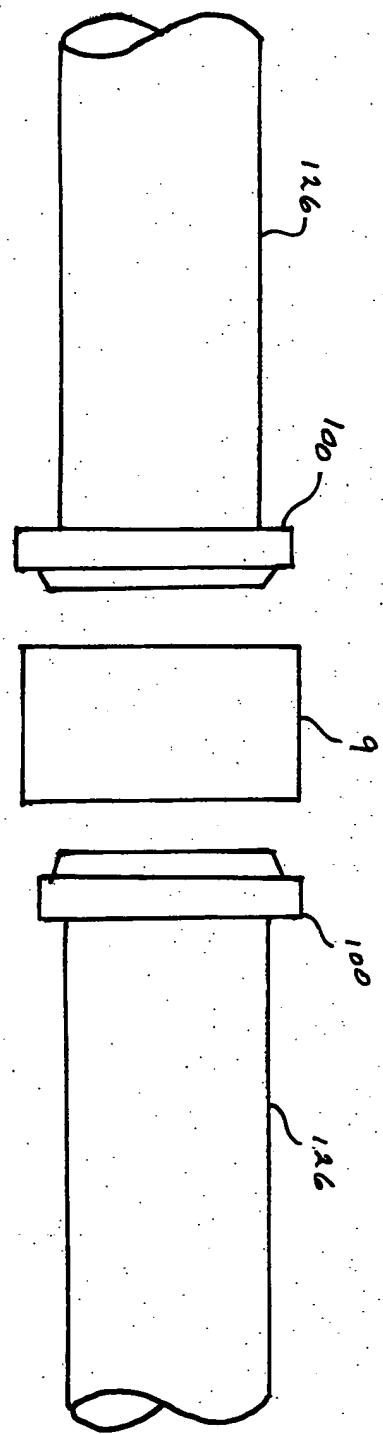


Fig. 2.



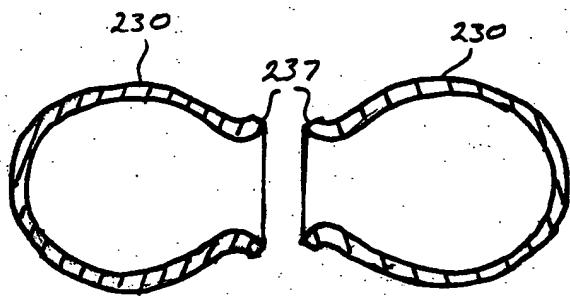


Fig. 4A

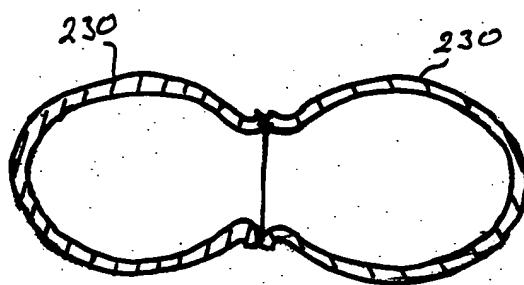


Fig. 4B

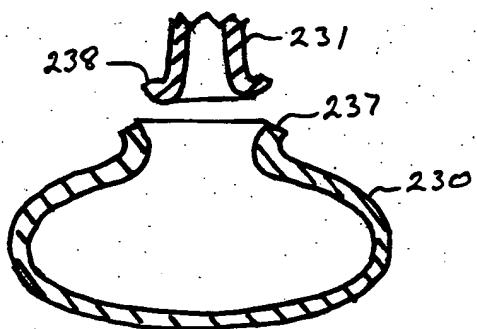


Fig. 5A

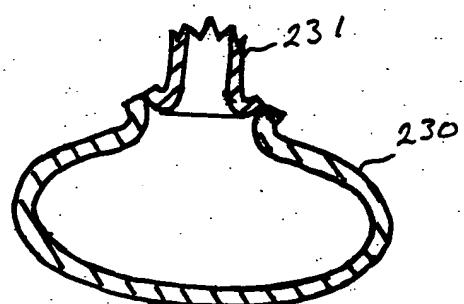


Fig. 5B

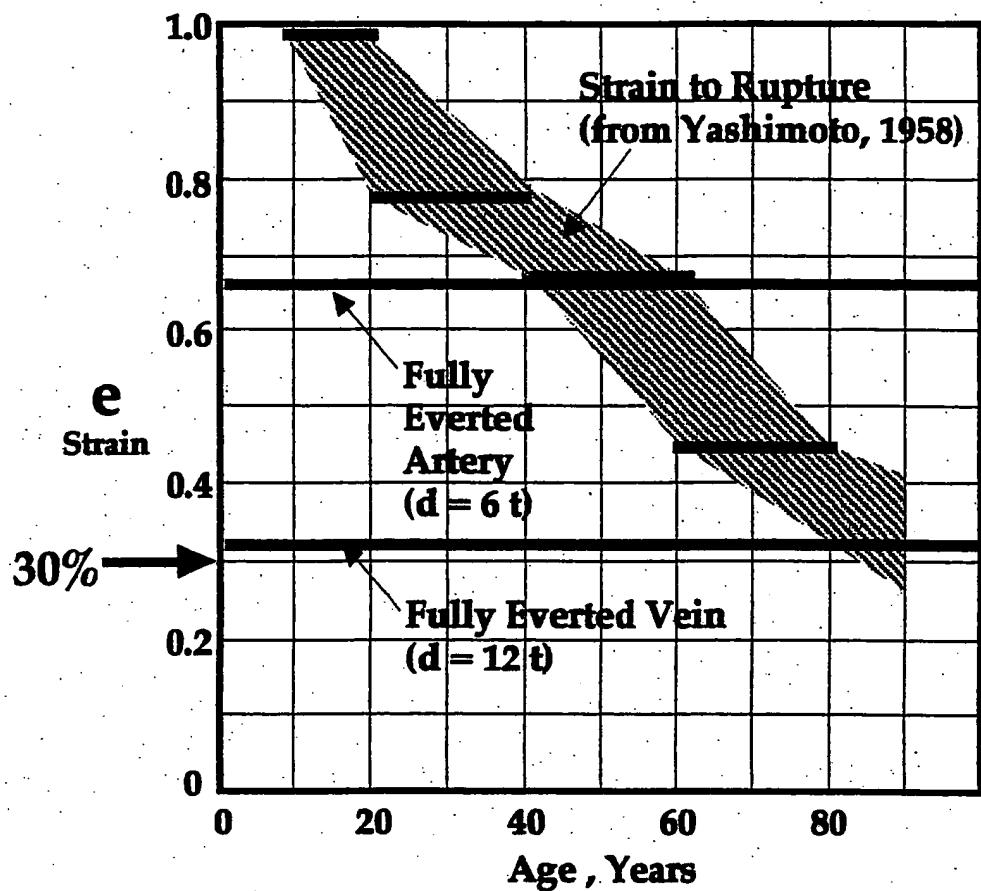


Fig. 6A

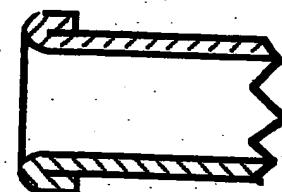
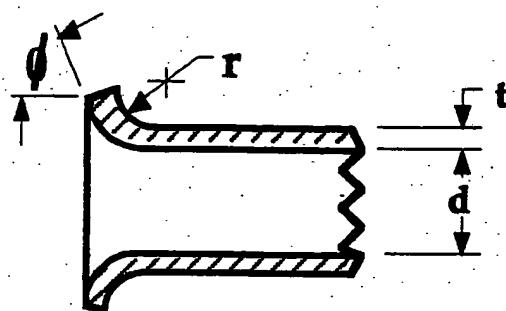
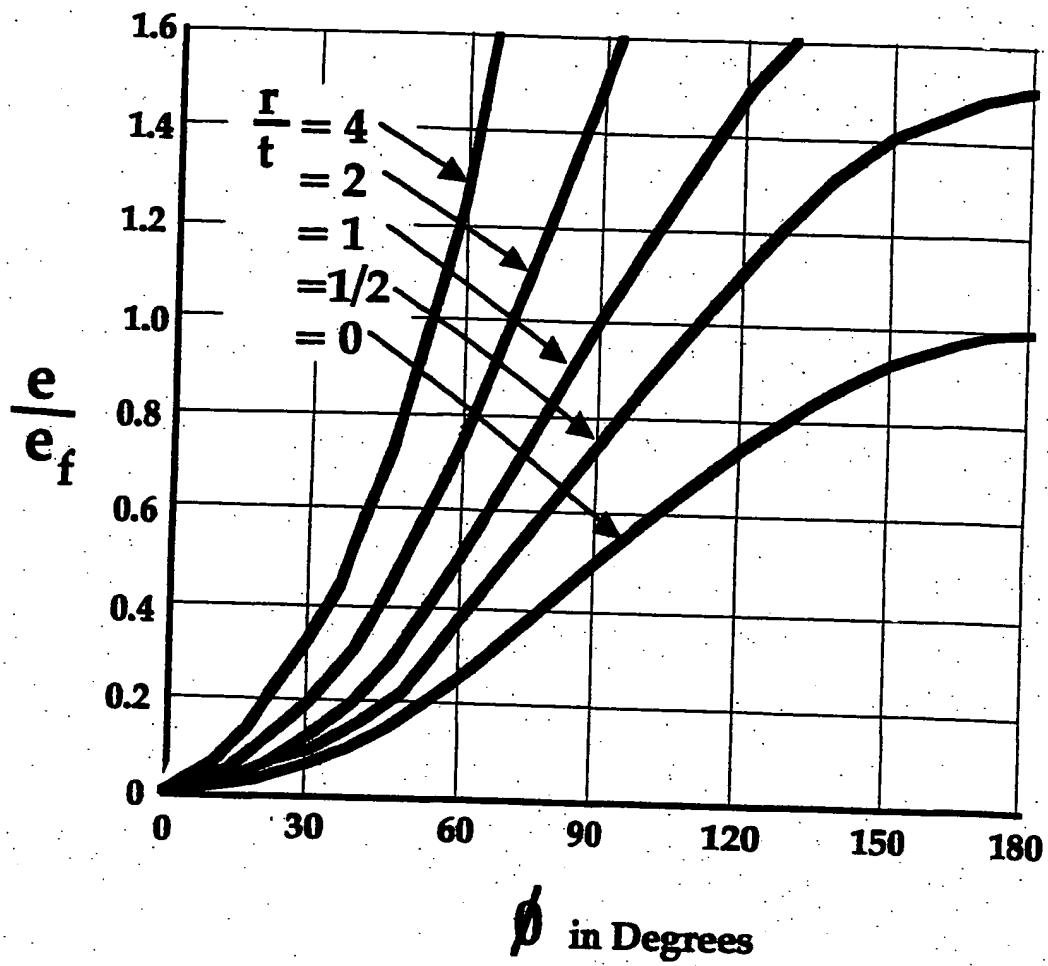


Fig. 6B

Fig. 6C



e = Strain or Elongation
e_f = Strain in Fully Everted Blood Vessel

Fig. 7

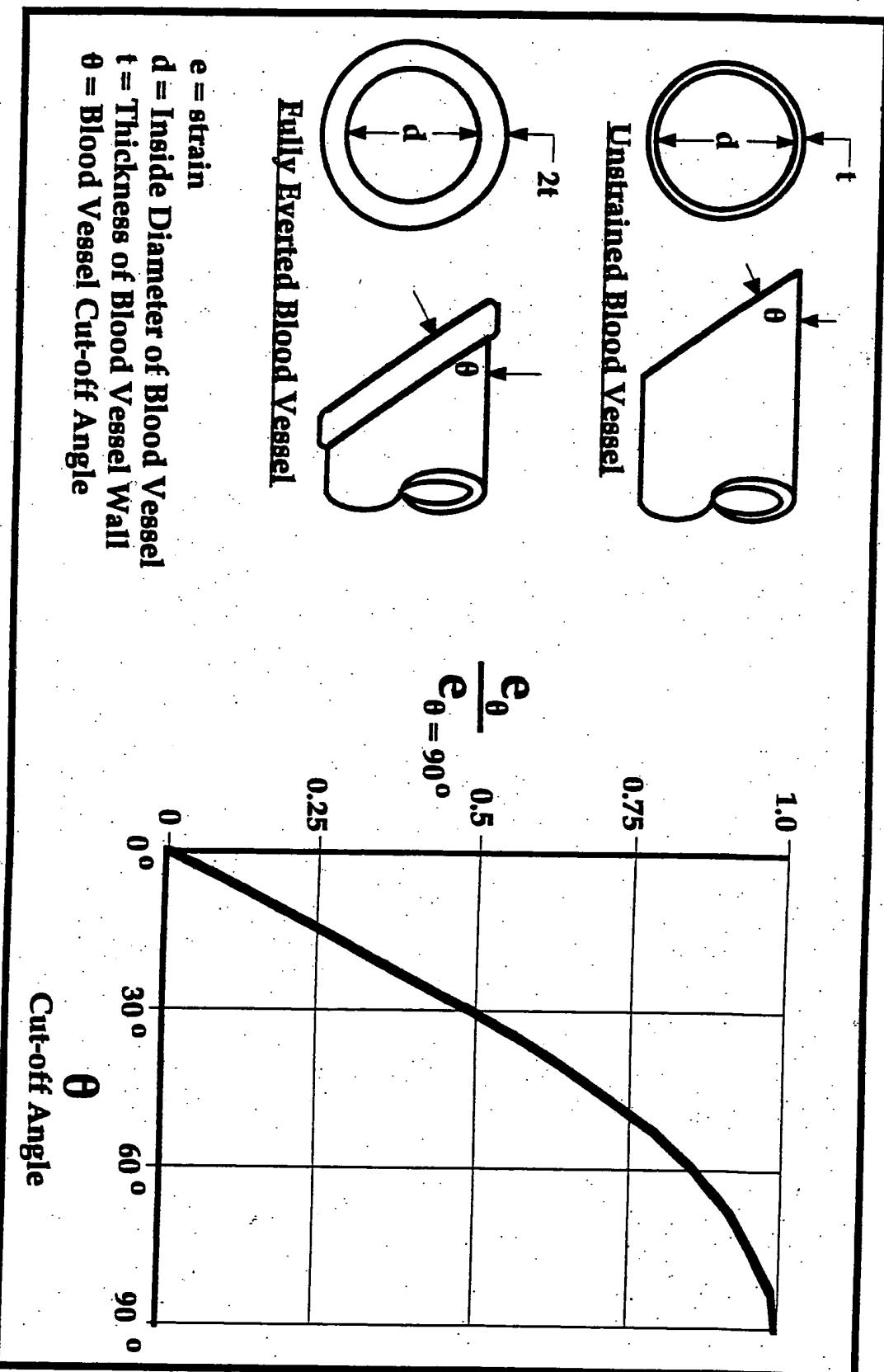
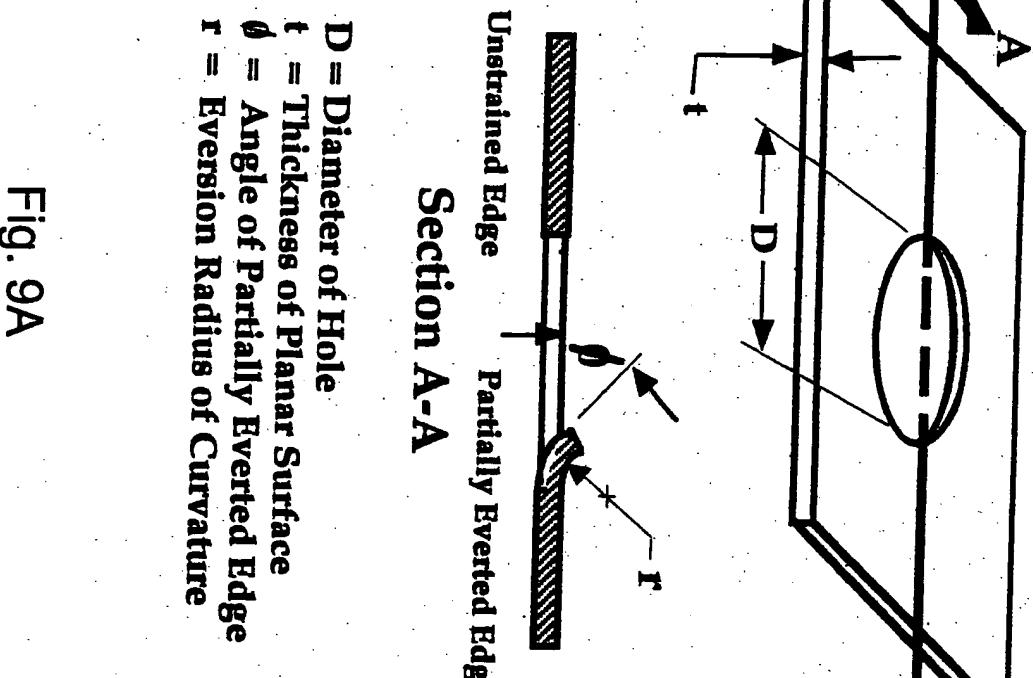


Fig. 8



Unstrained Edge Partially Everted Edge
Section A-A

D = Diameter of Hole
 t = Thickness of Planar Surface
 ϕ = Angle of Partially Everted Edge
 r = Eversion Radius of Curvature

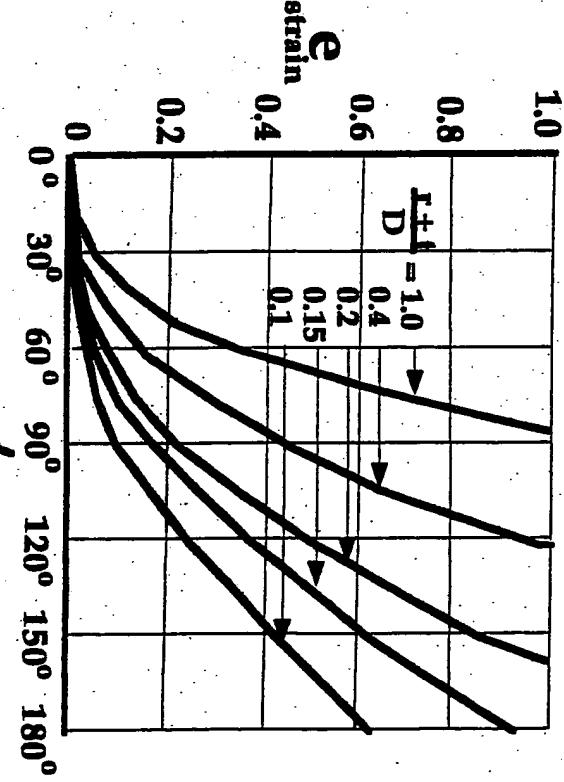


Fig. 9A

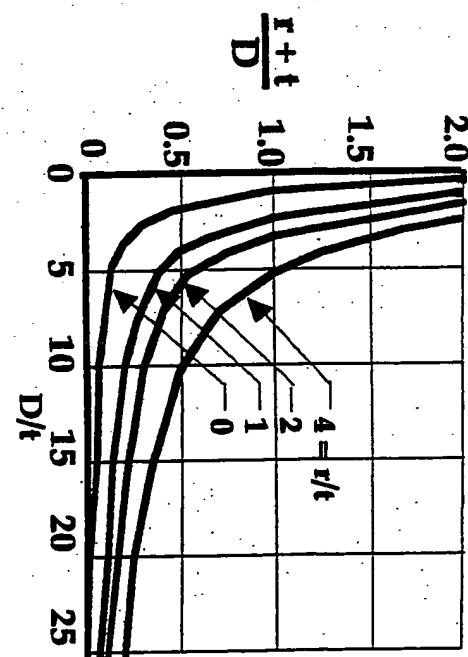


Fig. 9B

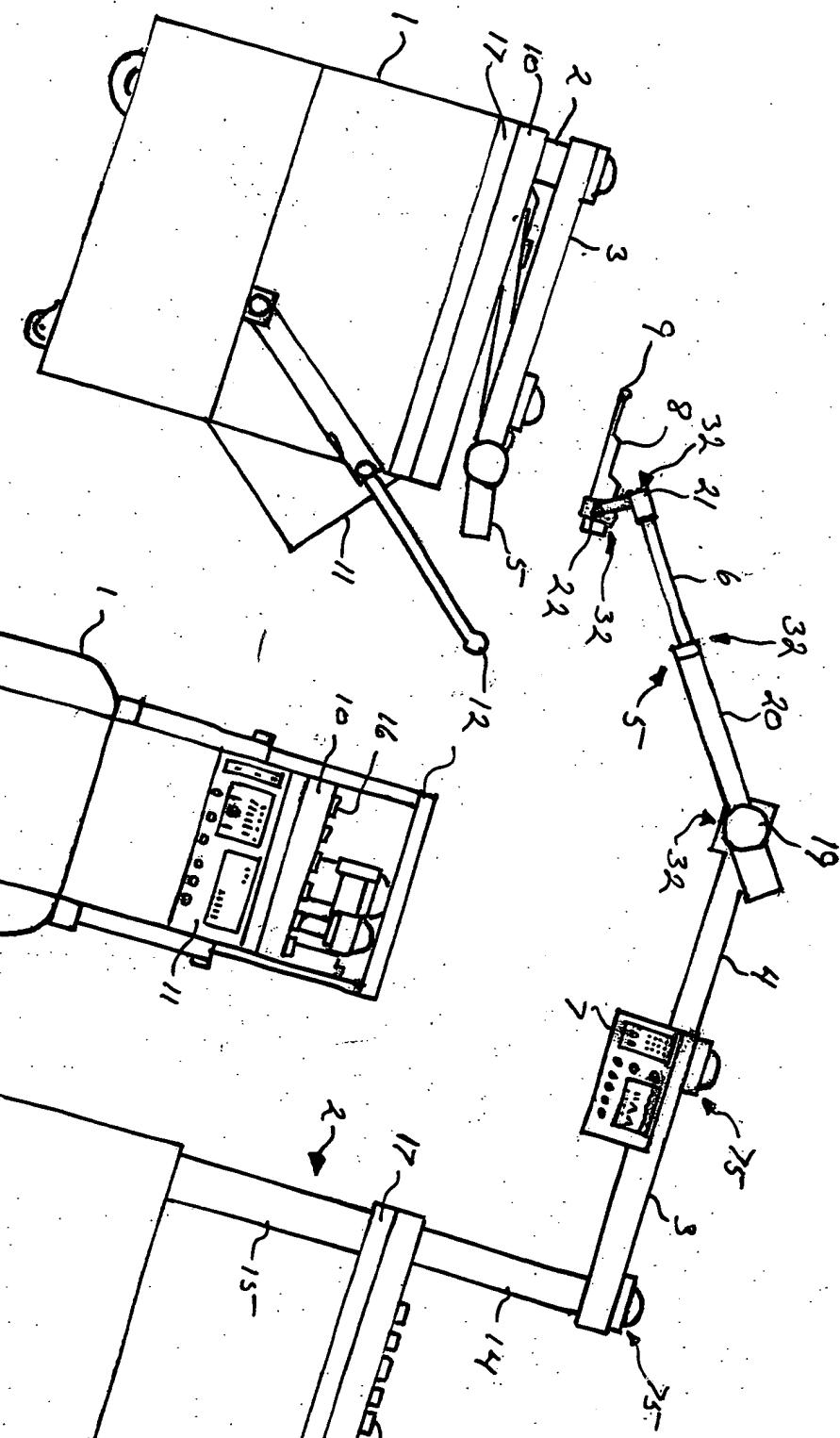


Fig. 10A

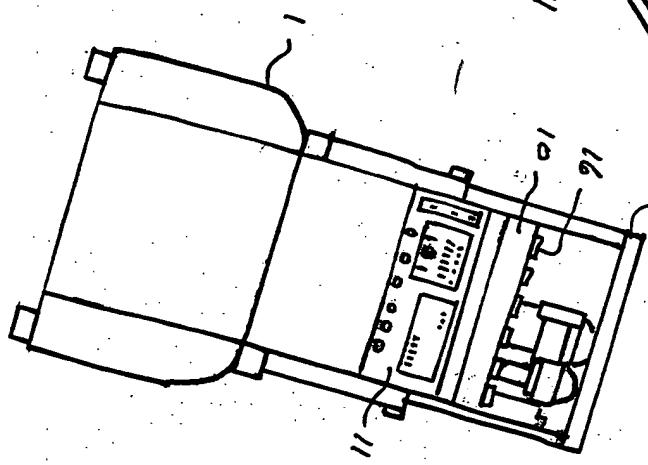


Fig. 10B

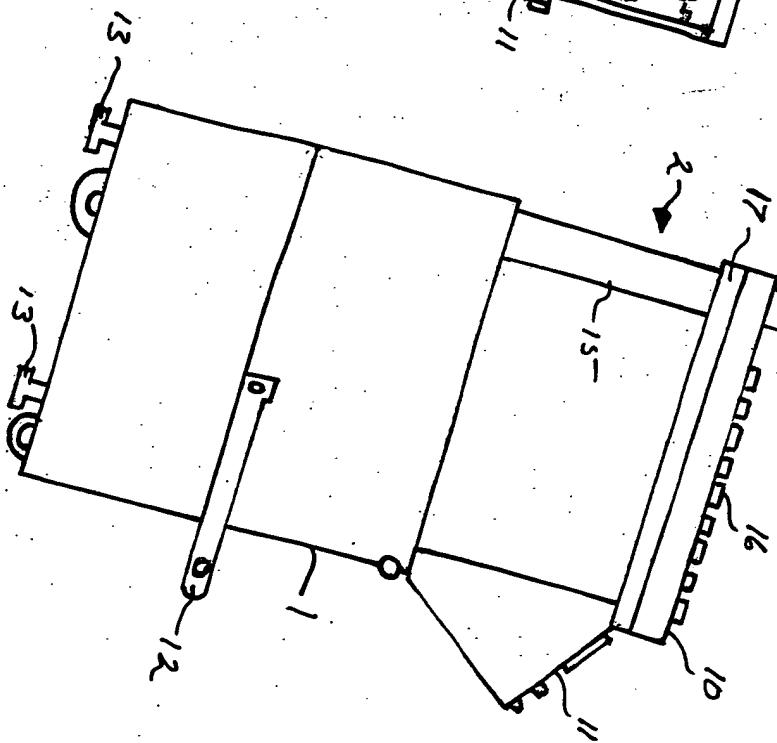


Fig. 10c

Fig. 10A

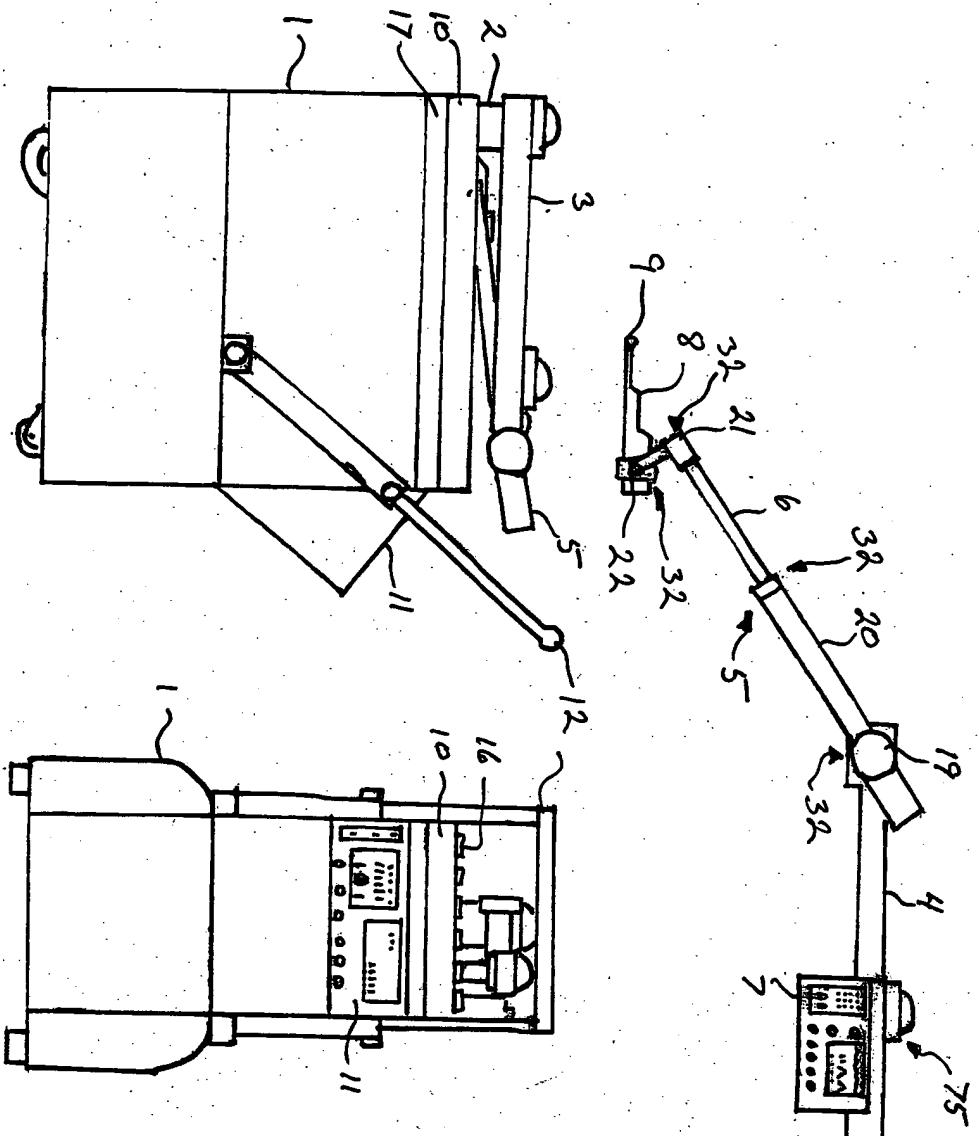


Fig. 10B

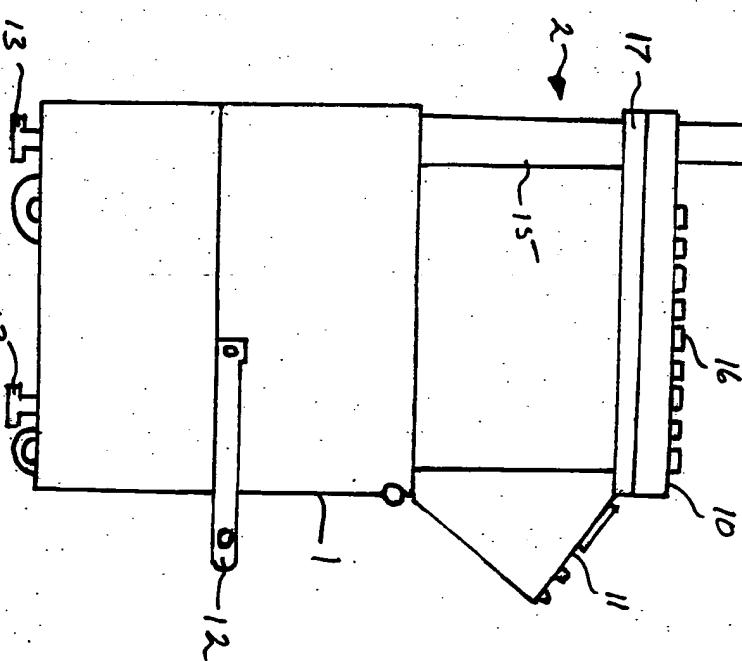


Fig. 10C

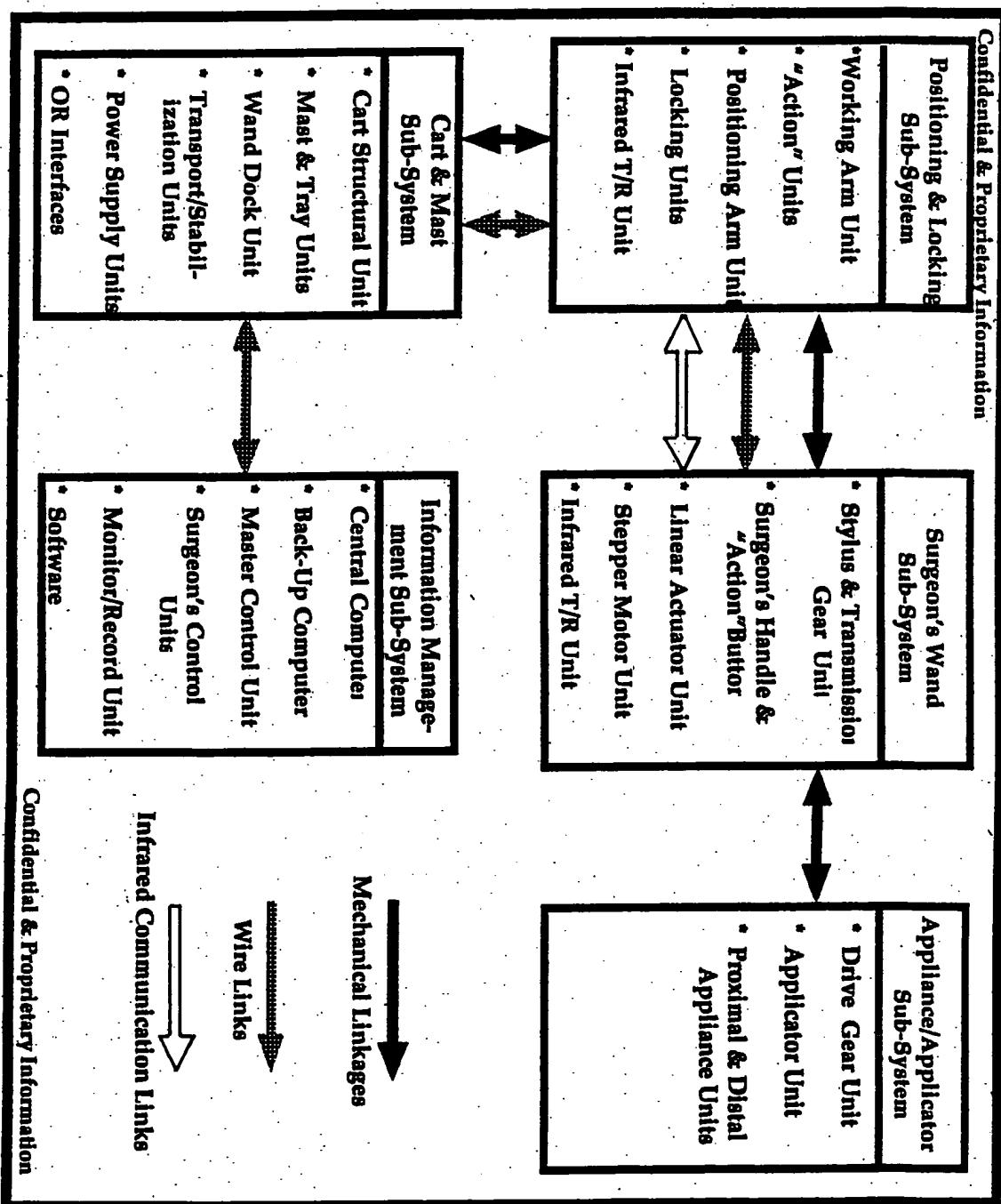


Fig. 11

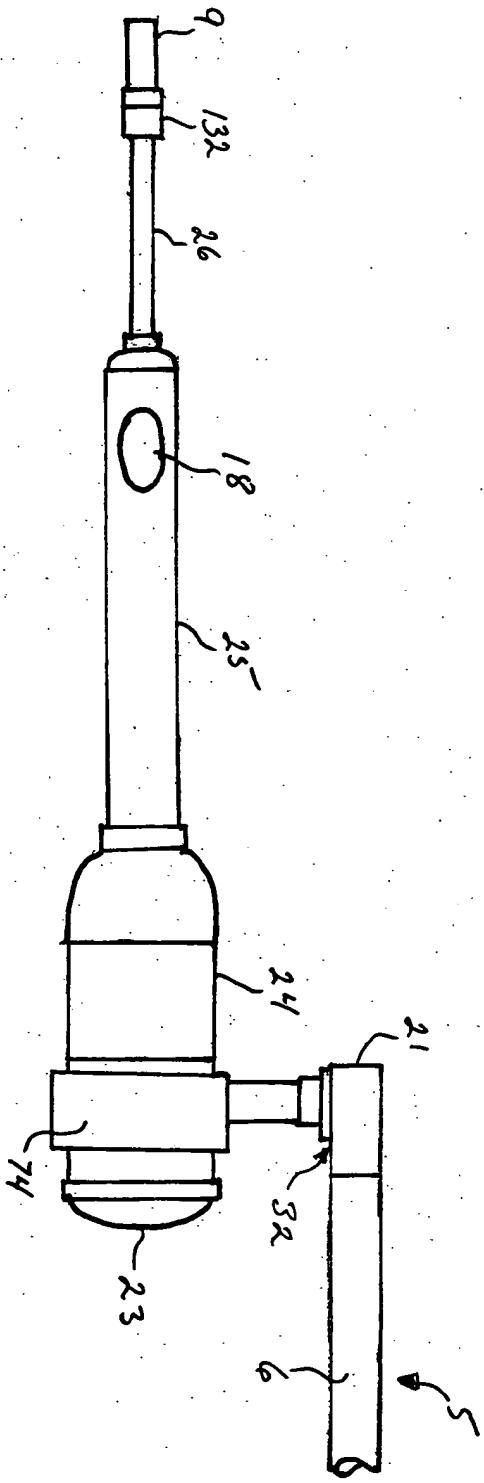


Fig. 13

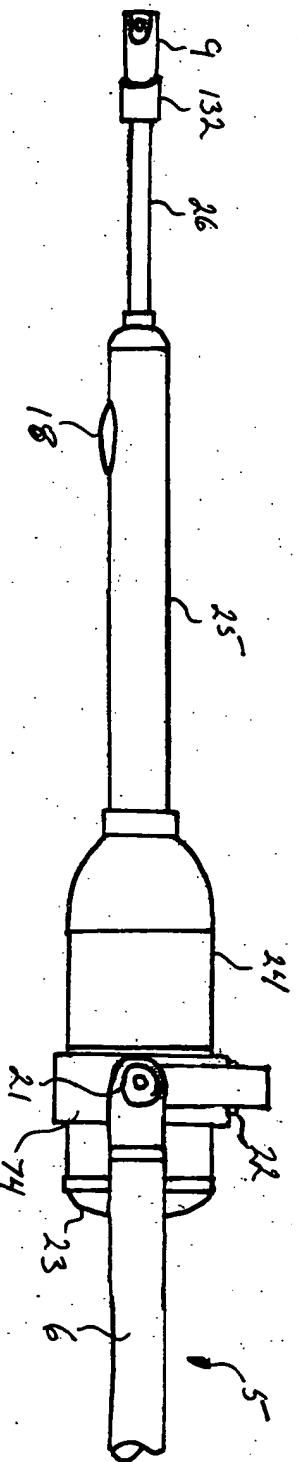


Fig. 12.

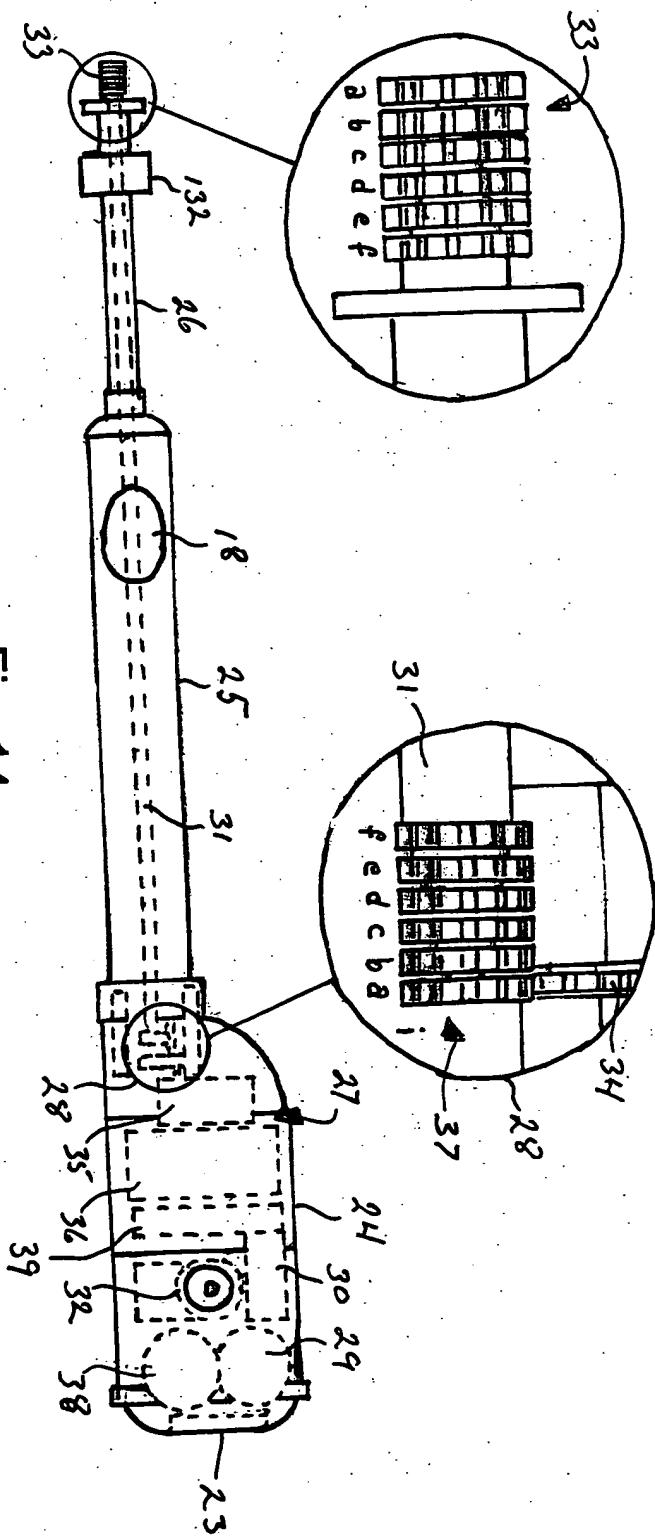


Fig. 14

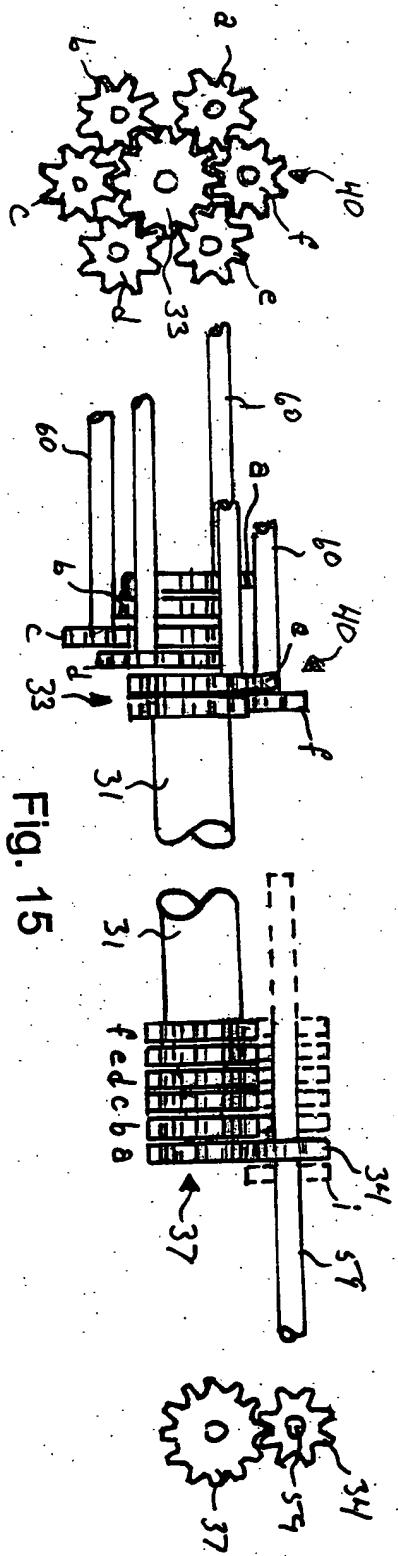


Fig. 15

Fig. 16

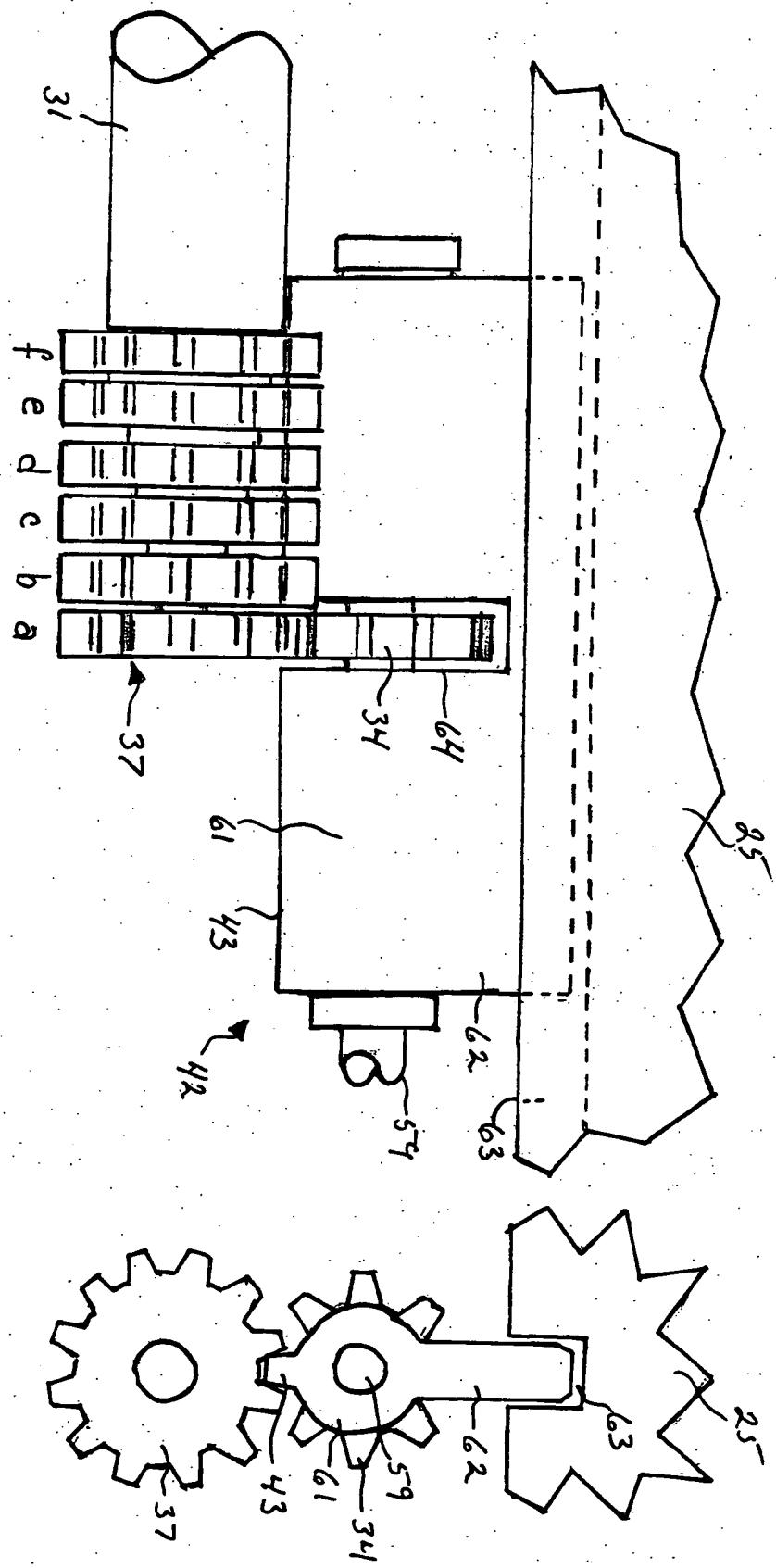


Fig. 18

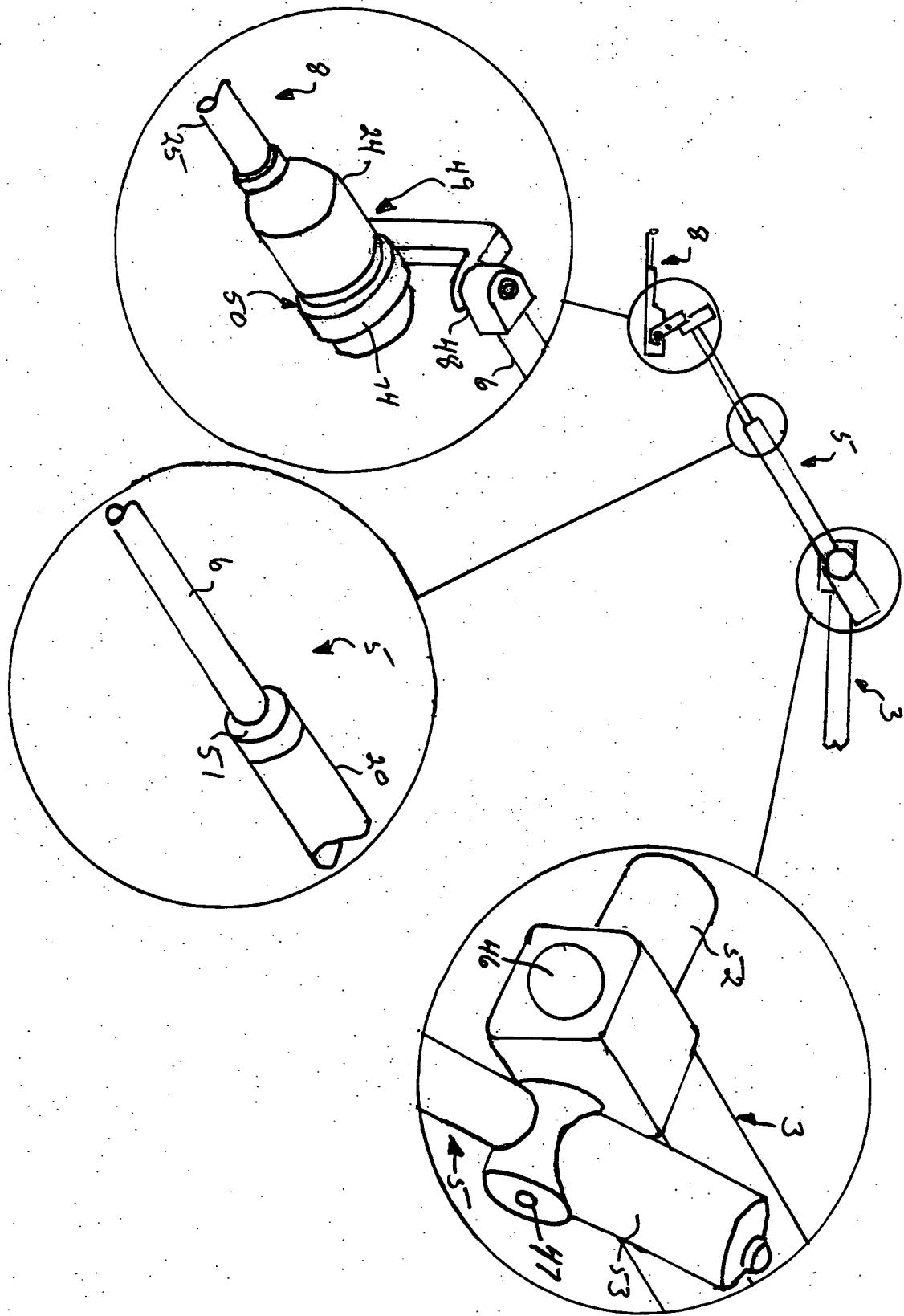


Fig. 17

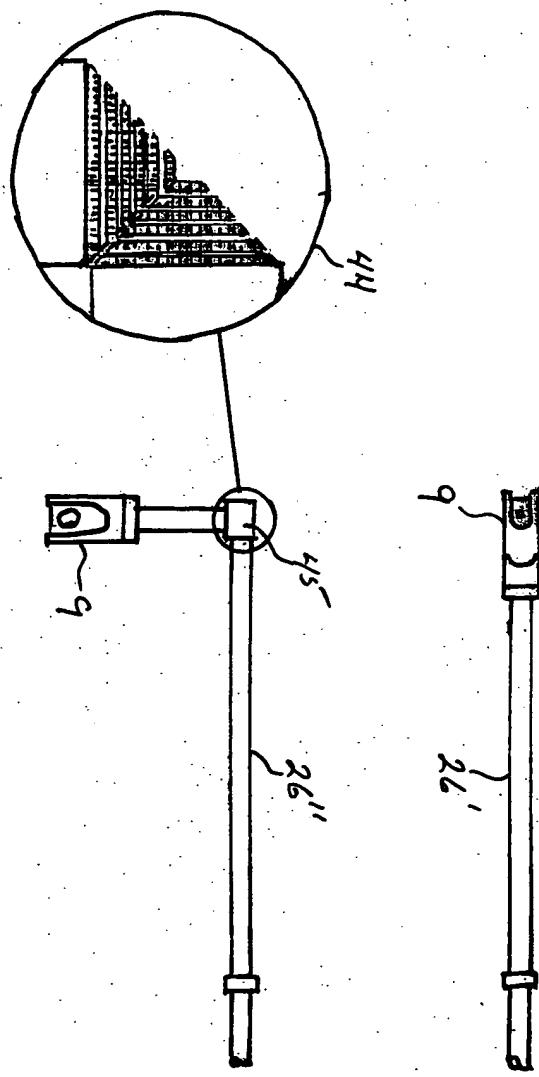
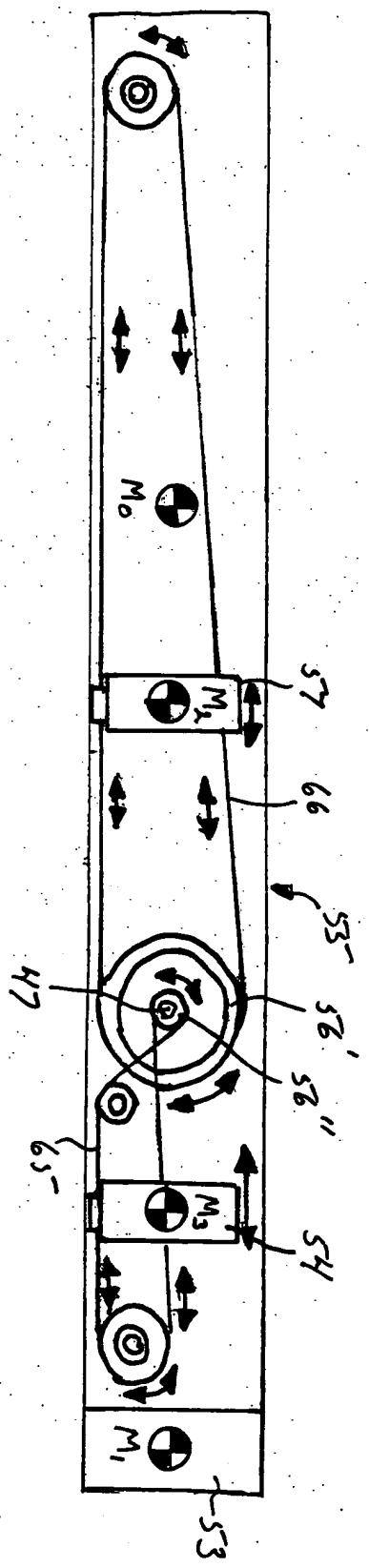


Fig. 19



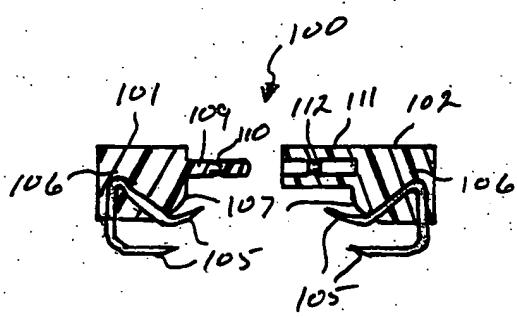


Fig. 21A

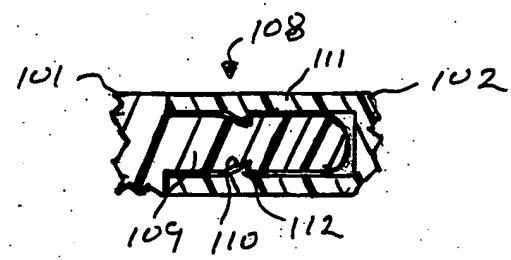


Fig. 21B

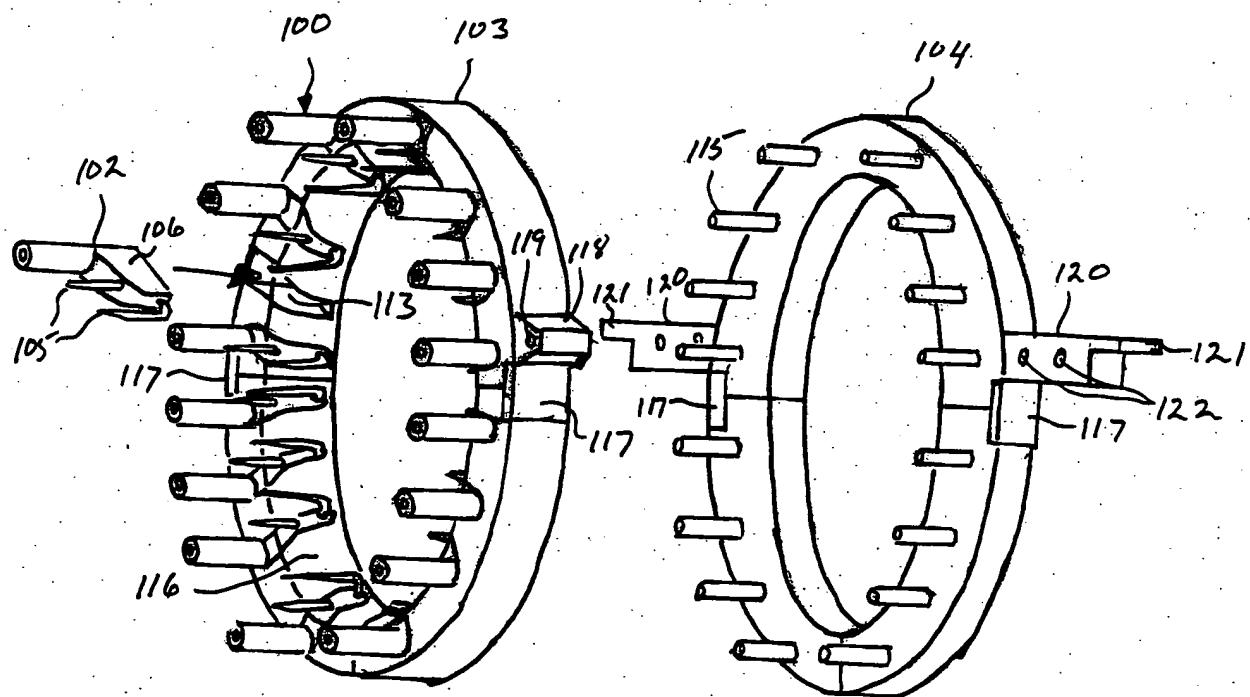


Fig. 21C

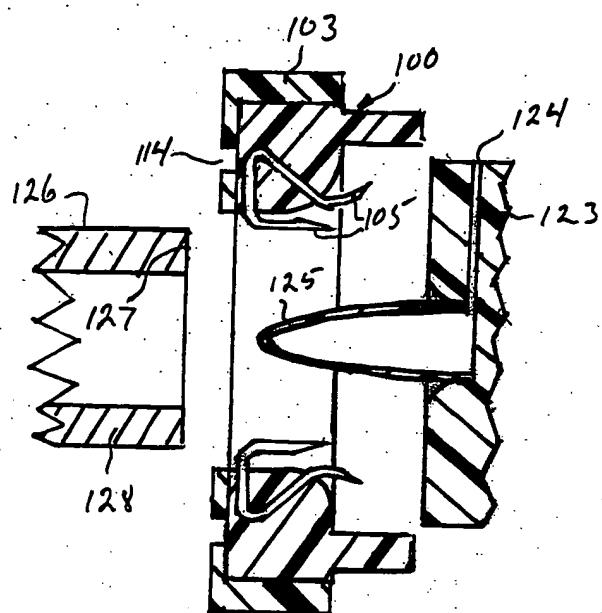


Fig. 22A

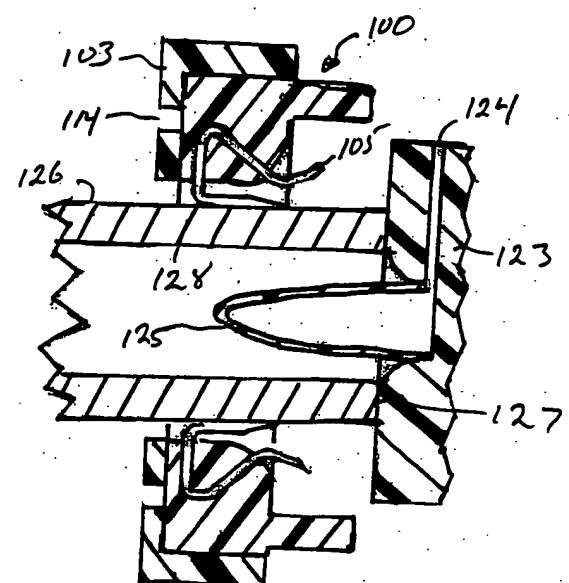


Fig. 22B

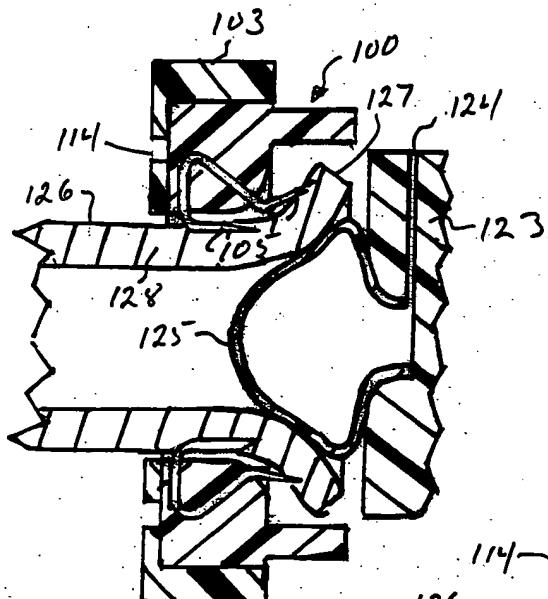


Fig. 22C

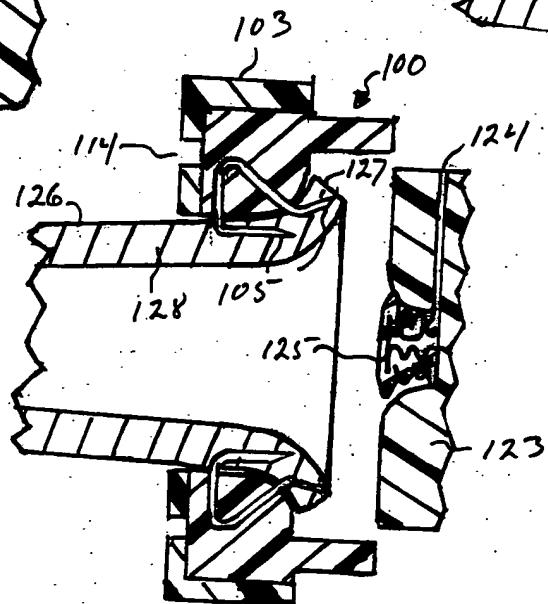


Fig. 22D

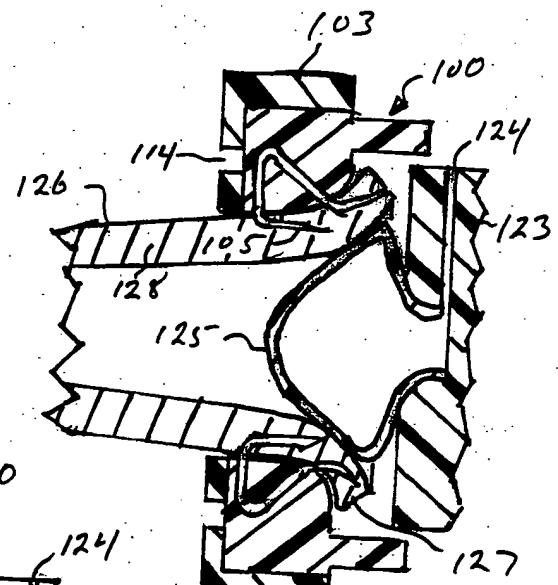


Fig. 22E

Fig. 23A

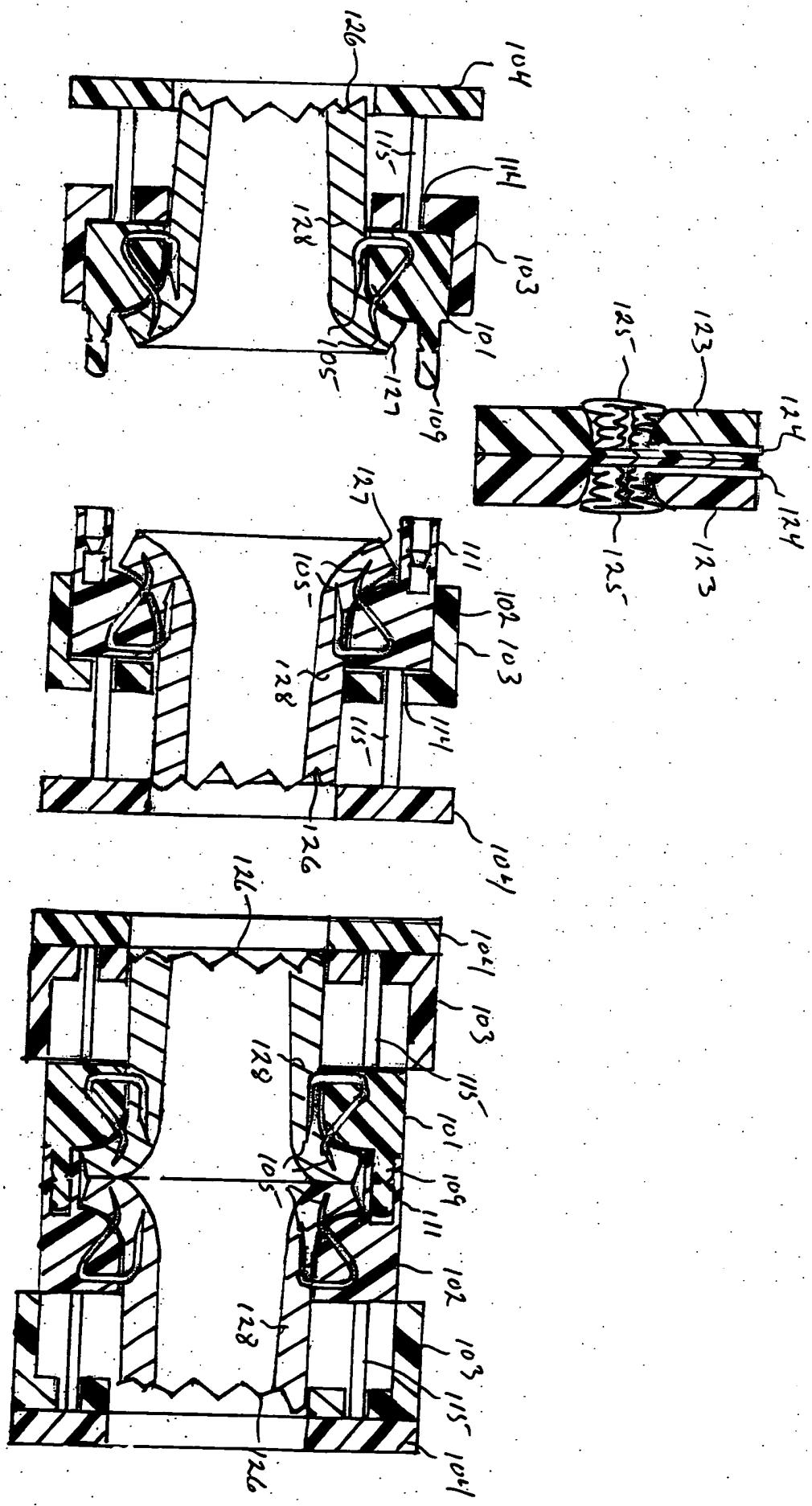


Fig. 23B

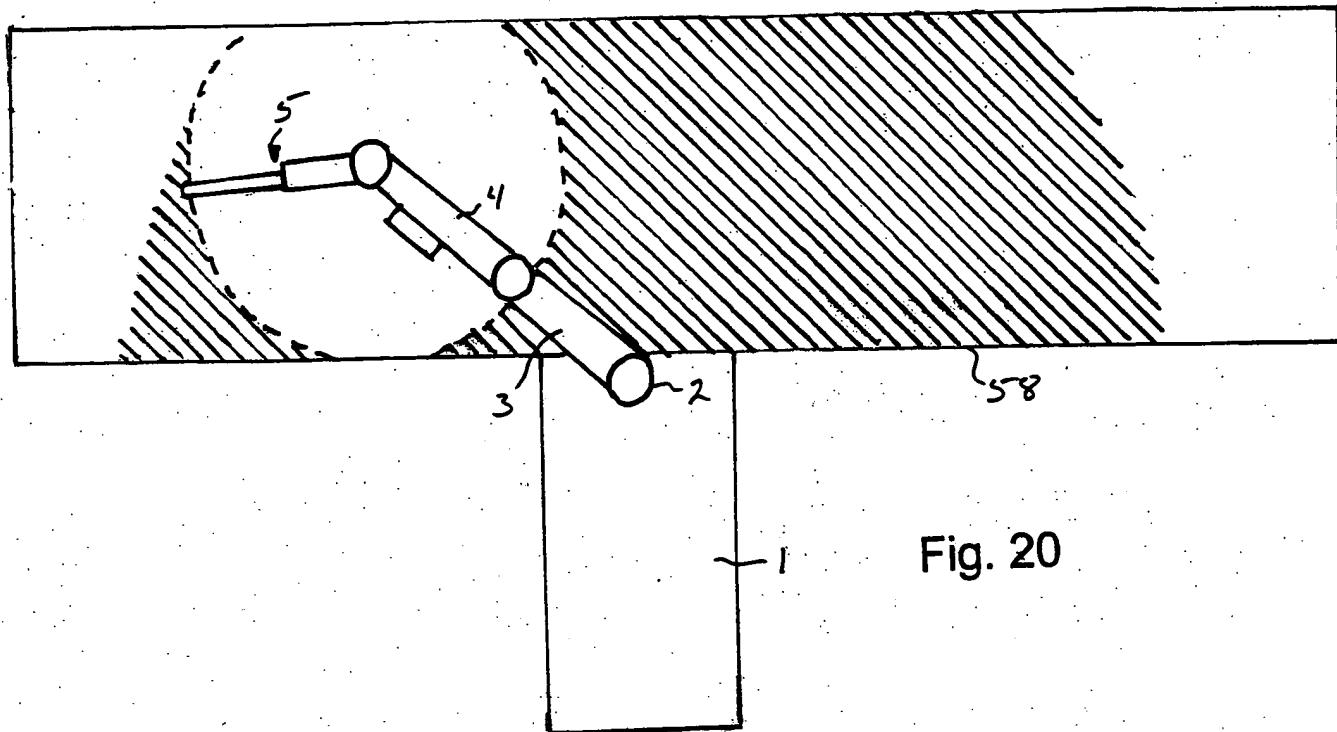


Fig. 20

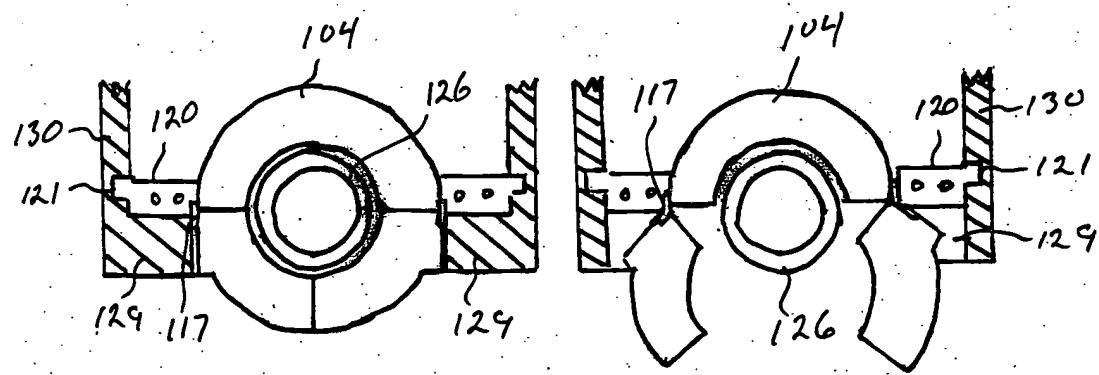


Fig. 24A

Fig. 24B

Confidential & Proprietary Information Applicator Action		Transmission Drive	Procedure Step Number
I.	Deploy Distal Balloon ("Rigid")	c then a	0
II.	Fully Inflate Distal Balloon	a	2
III.	Translate Distal PAG Holder/Ejector	b	3
IV.	Deflate Distal Balloon ("Wither")	a	4
V.	Translate Lollipop	c	4
VI.	Deploy Proximal Balloon ("Rigid")	a	5
VII.	Fully Inflate Proximal Balloon	a	5
VIII.	Translate Proximal PAG Holder/Ejector	d	5
IX.	Deflate Proximal Balloon ("Wither")	a	5
X.	Translate Lollipop	c	5
XI.	Withdraw Lollipop	e	6
XII.	Translate PAG Holder/Ejectors (PAGs "Snap")	b then d	6
XIII.	Translate PAG Holders (Eject PAGs)	f	7
XIV.	Translate PAG Holders (Clear Restraint Bars)	b then d	8

Note : Steps 1 & 9 are Performed Manually by the Surgeon.

Confidential & Proprietary Information

Fig. 26 Type I Applicator Actions & Corresponding Transmission Drives

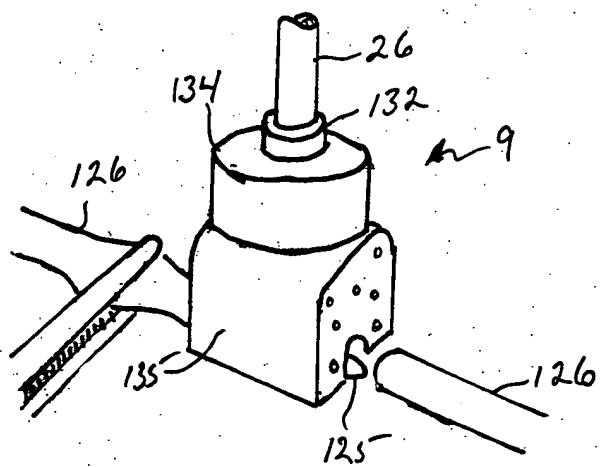
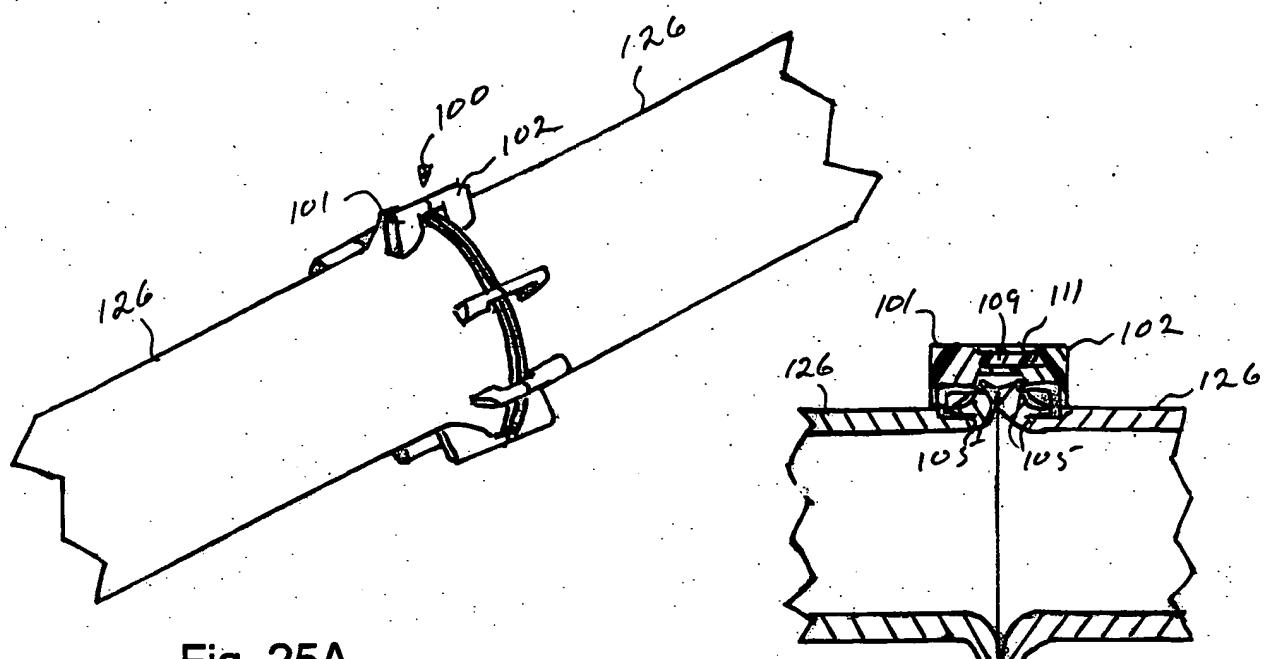


Fig. 27A

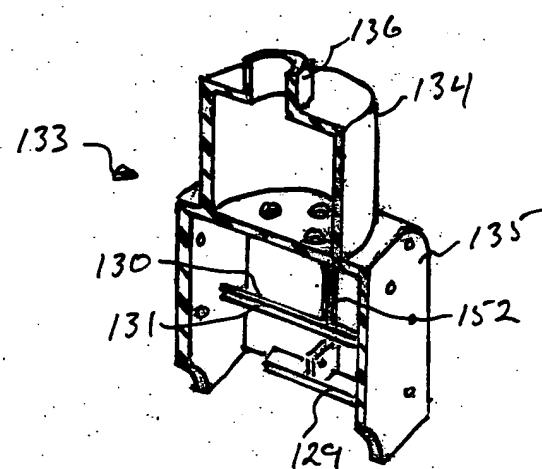


Fig. 27B

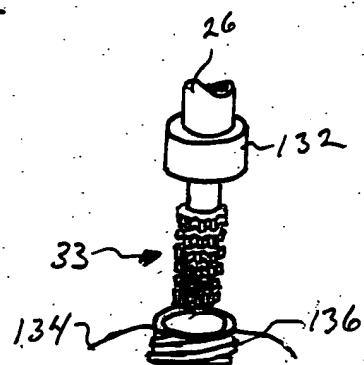


Fig. 27C

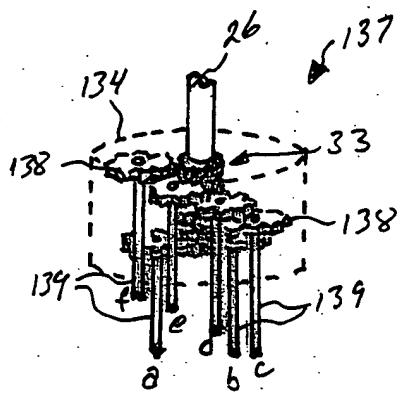


Fig. 27D

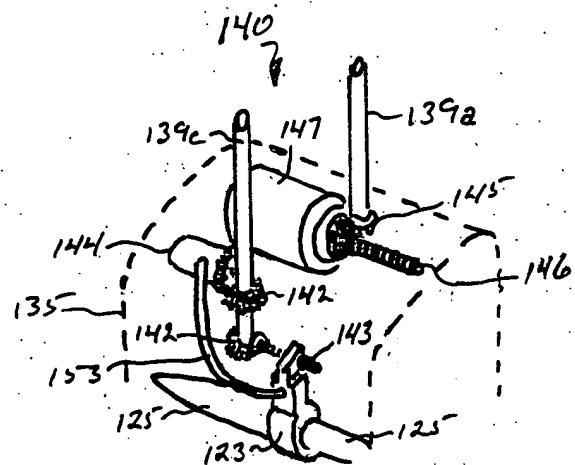


Fig. 27E

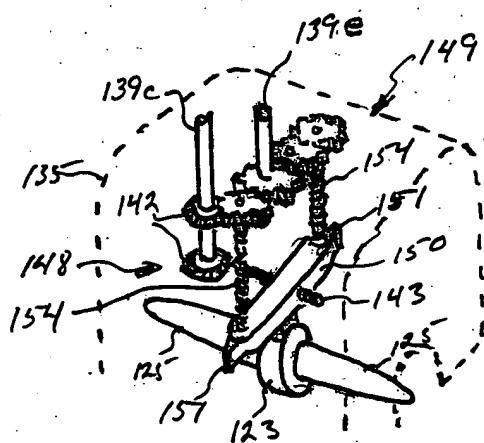


Fig. 27F

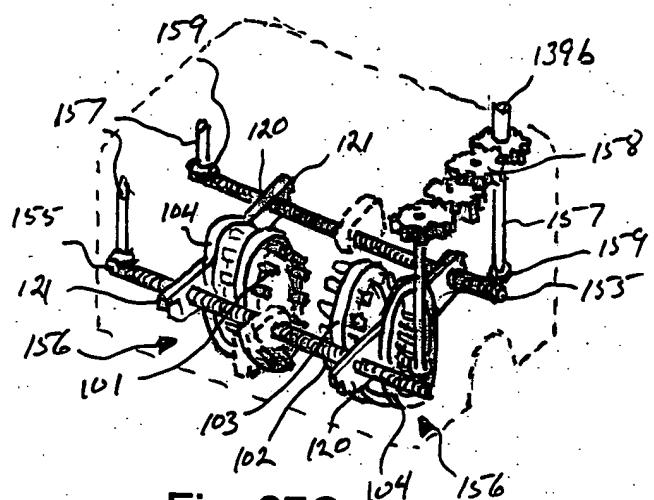


Fig. 27G

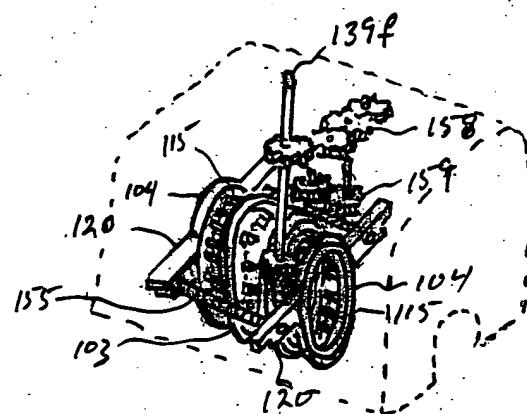


Fig. 27H

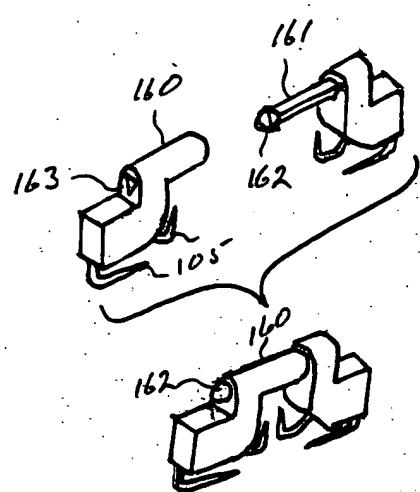


Fig. 28A

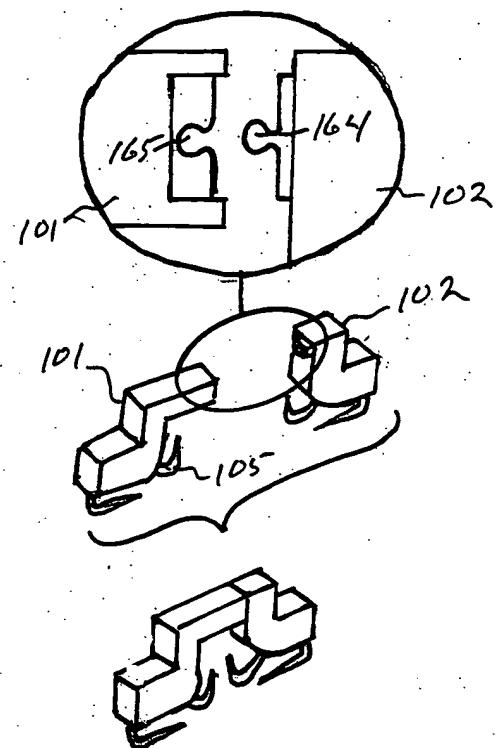


Fig. 28B

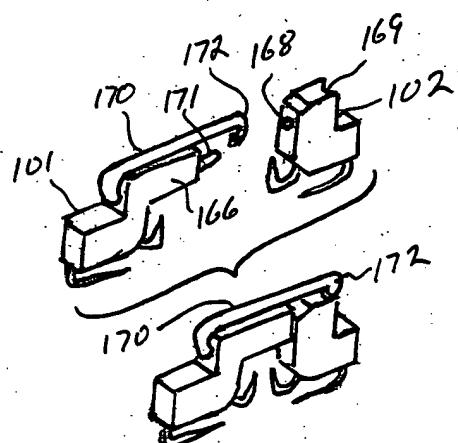


Fig. 28C

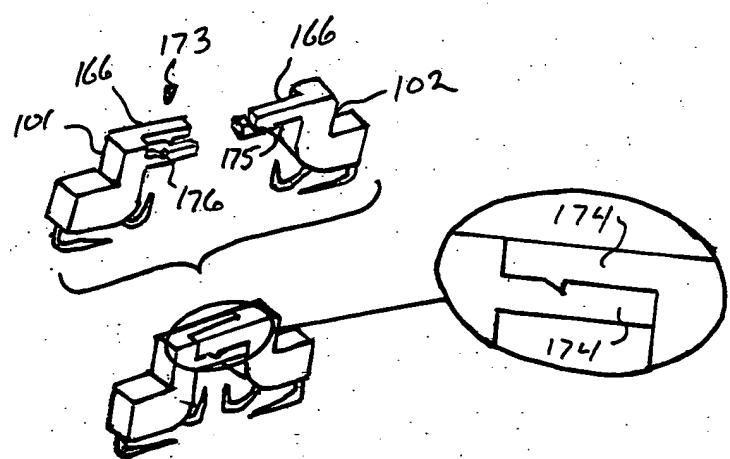


Fig. 28D

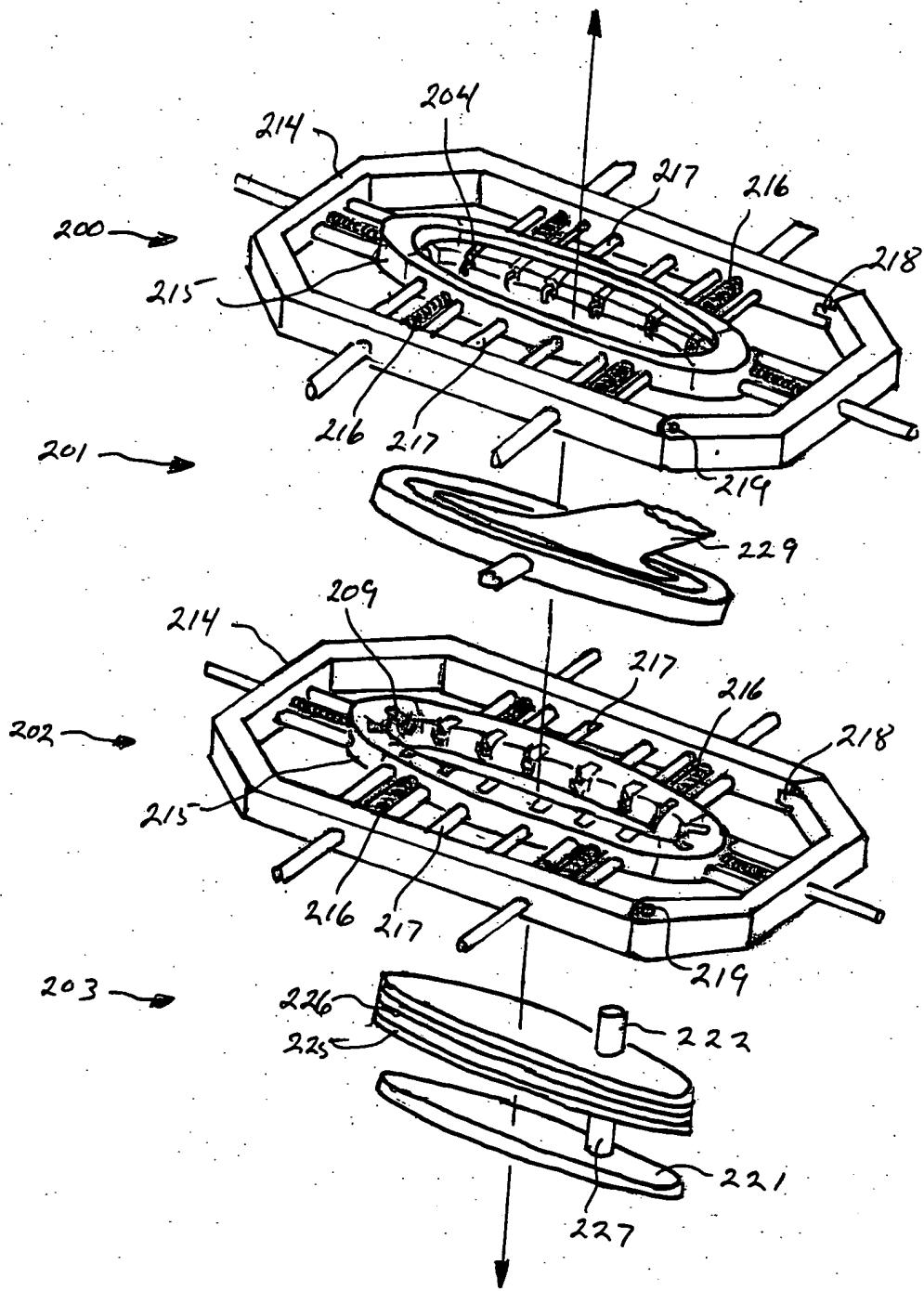


Fig. 29

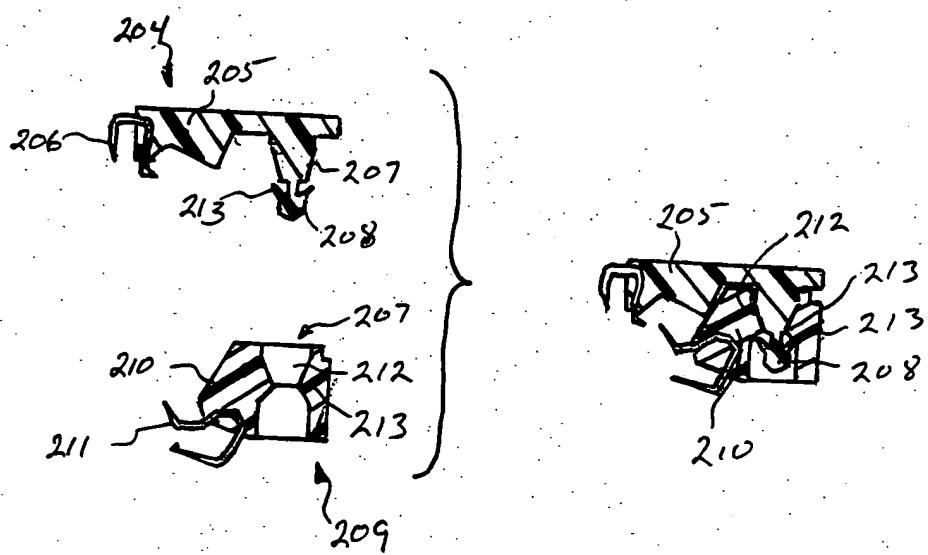


Fig. 30

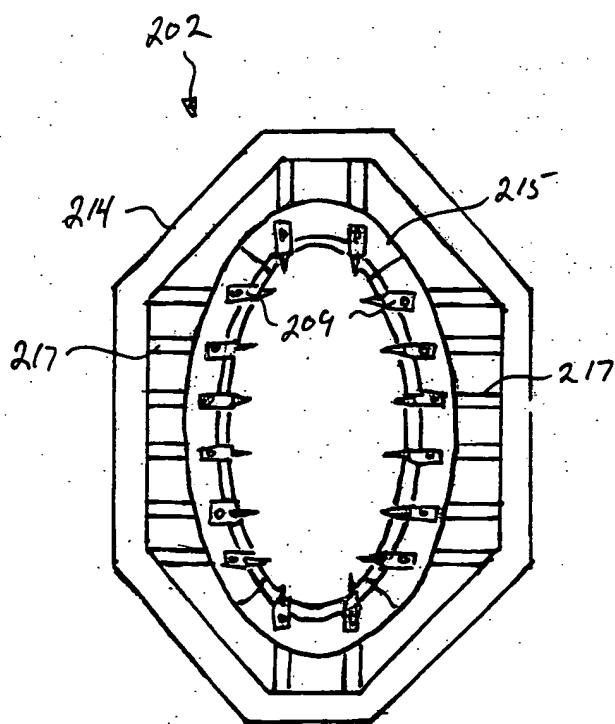


Fig. 31A

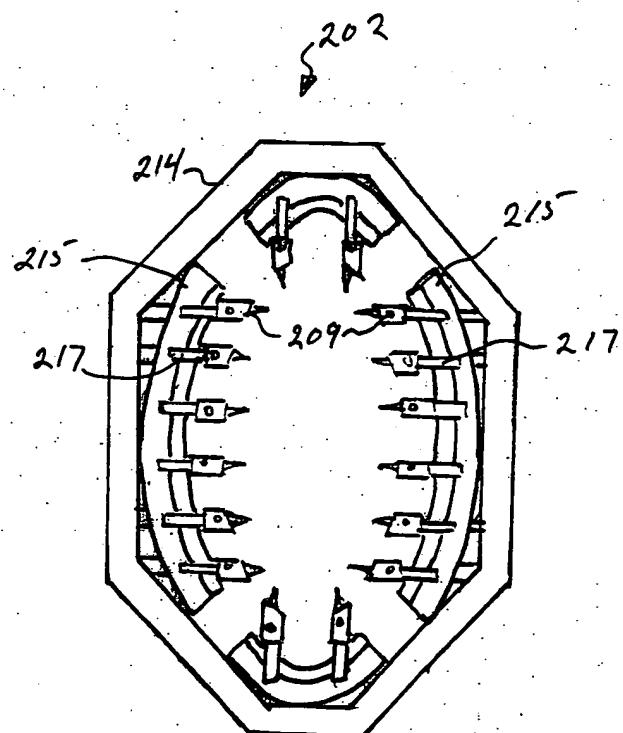


Fig. 31B

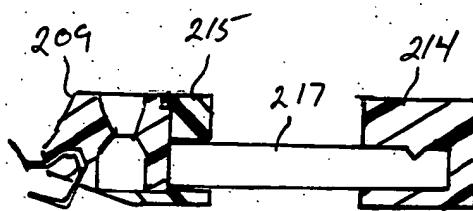


Fig. 31C

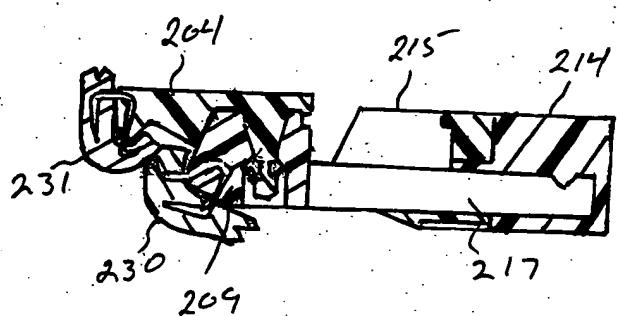


Fig. 31D

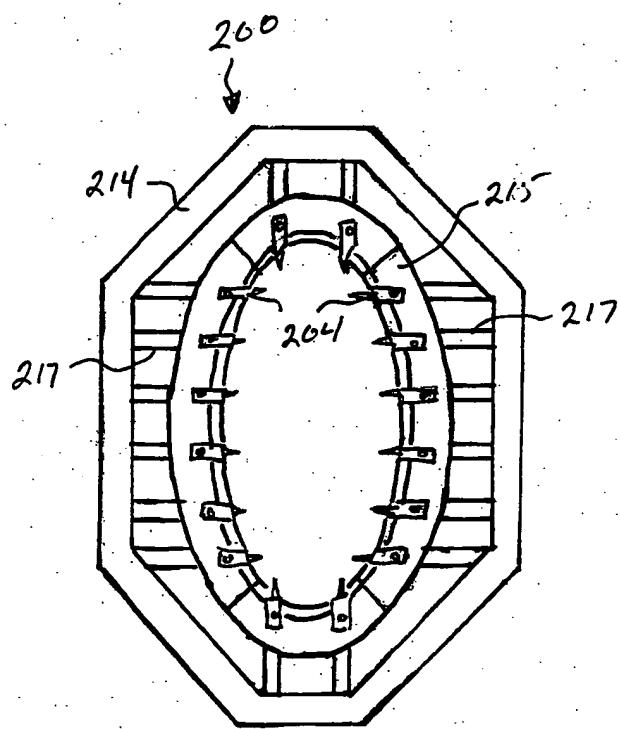


Fig. 32A

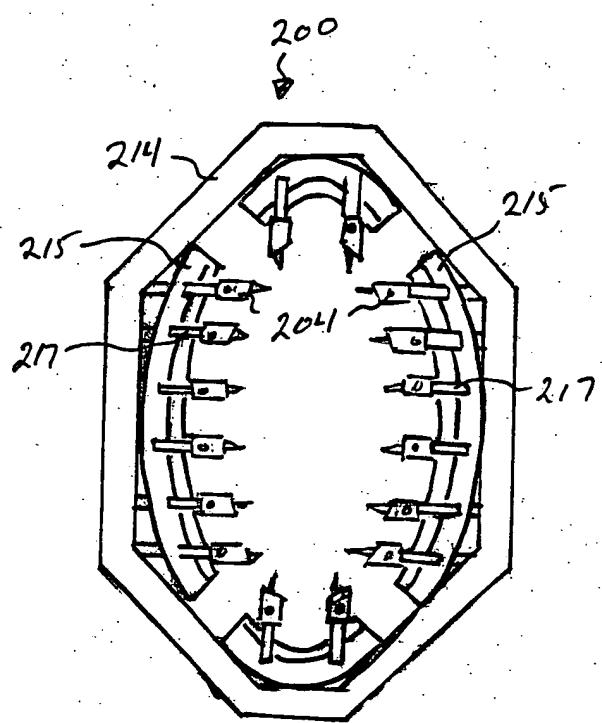


Fig. 32B

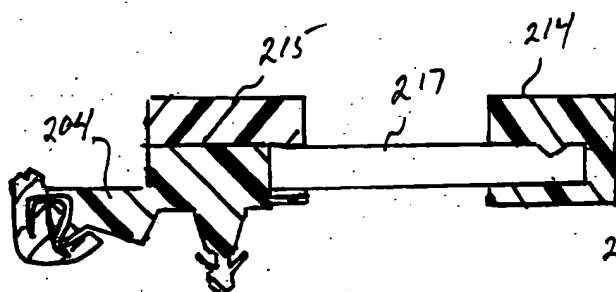


Fig. 32C

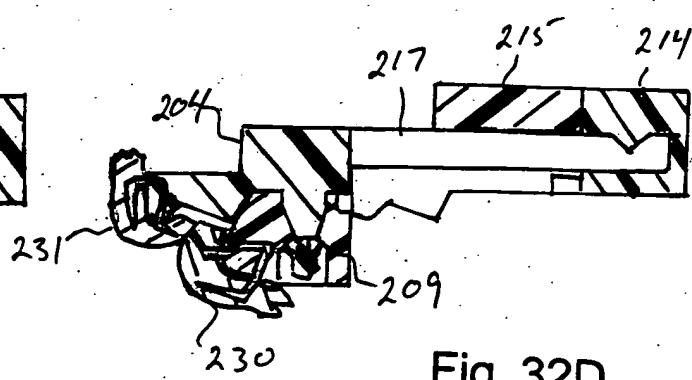


Fig. 32D

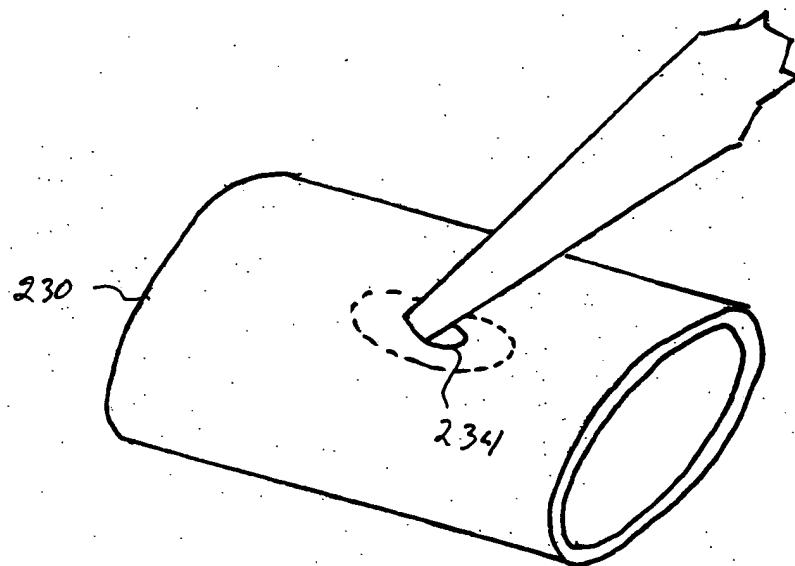


Fig. 33A

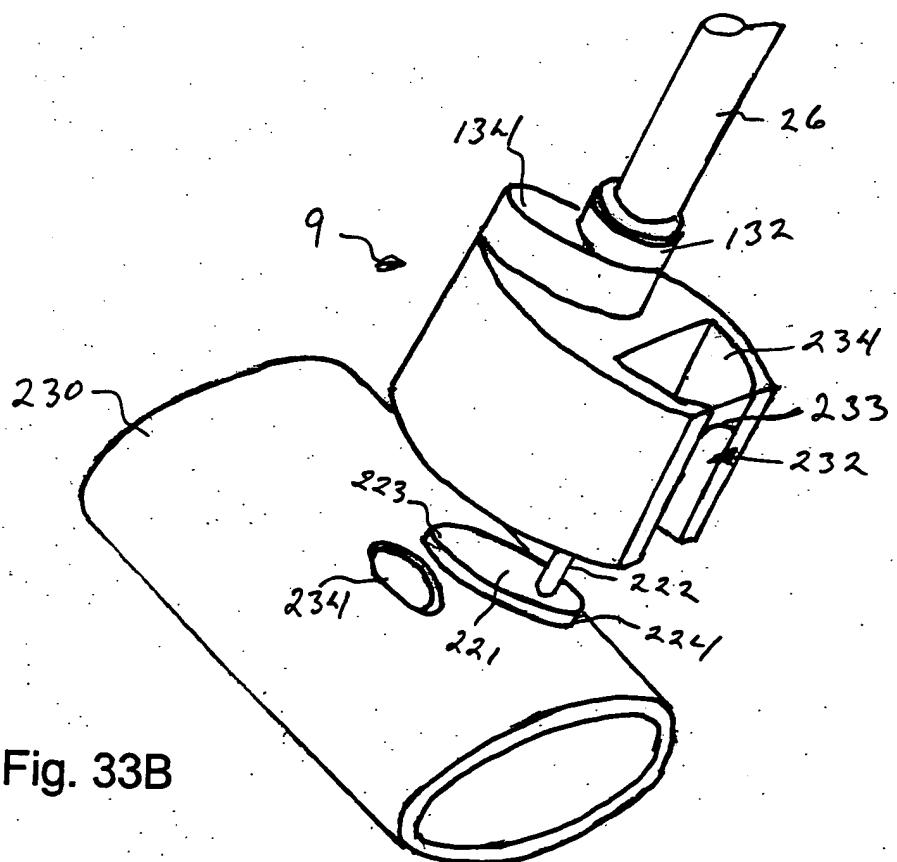


Fig. 33B

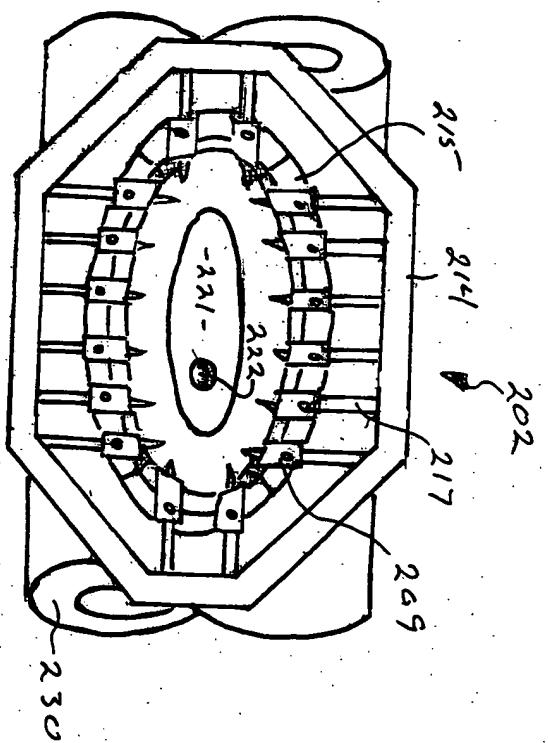


Fig. 34A

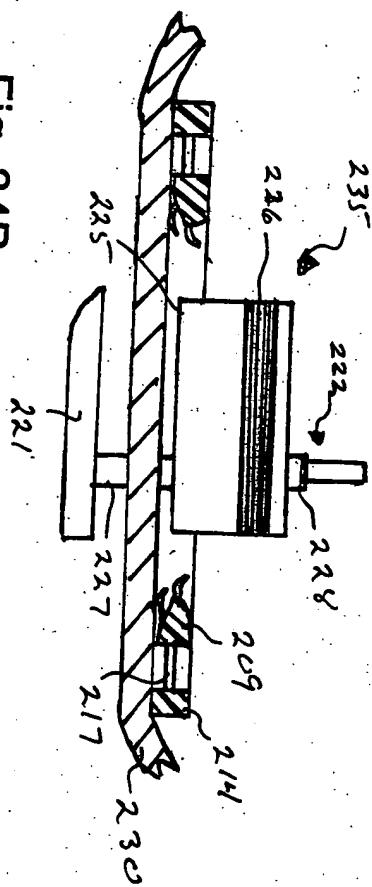


Fig. 34B

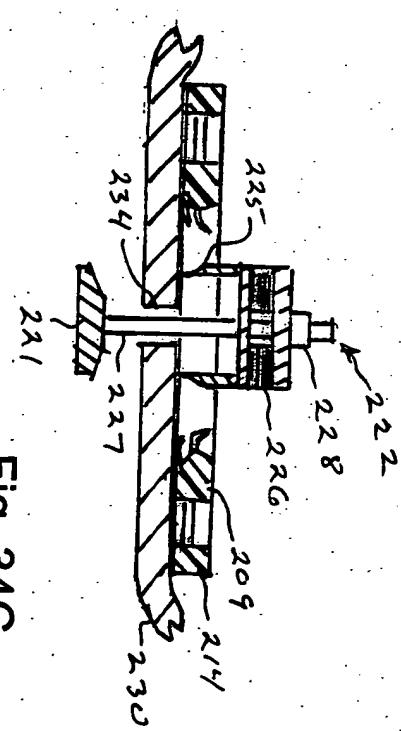


Fig. 34C

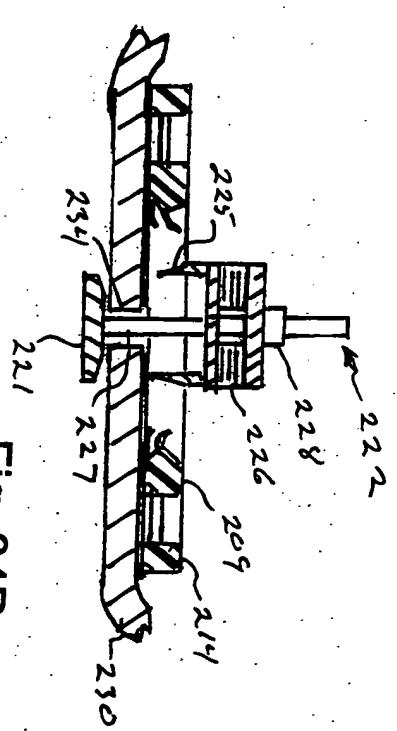


Fig. 34D

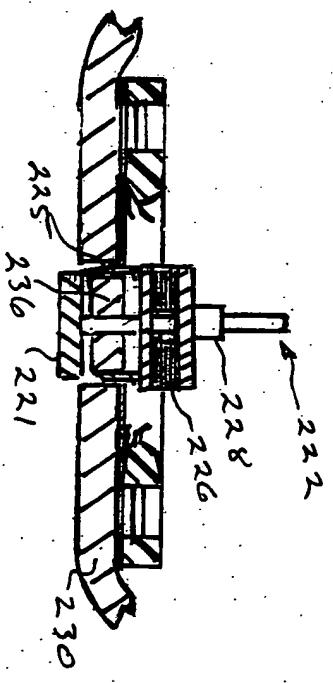


Fig. 34E

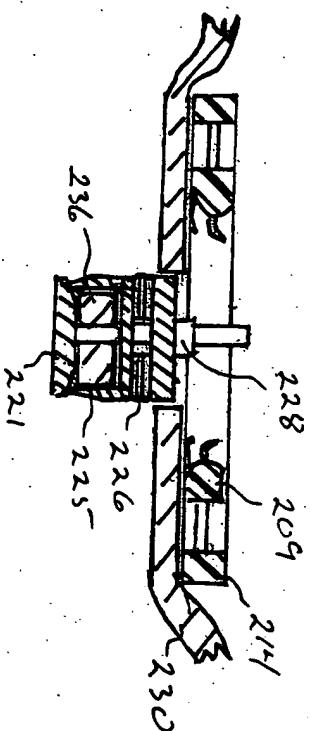


Fig. 35A

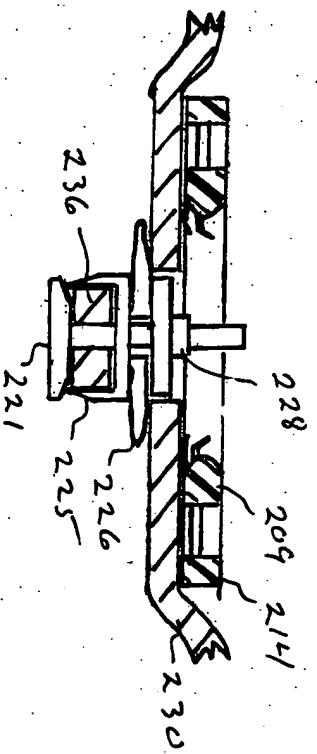


Fig. 35B

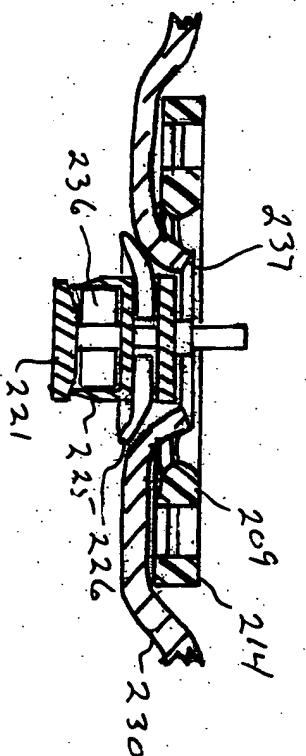


Fig. 35C

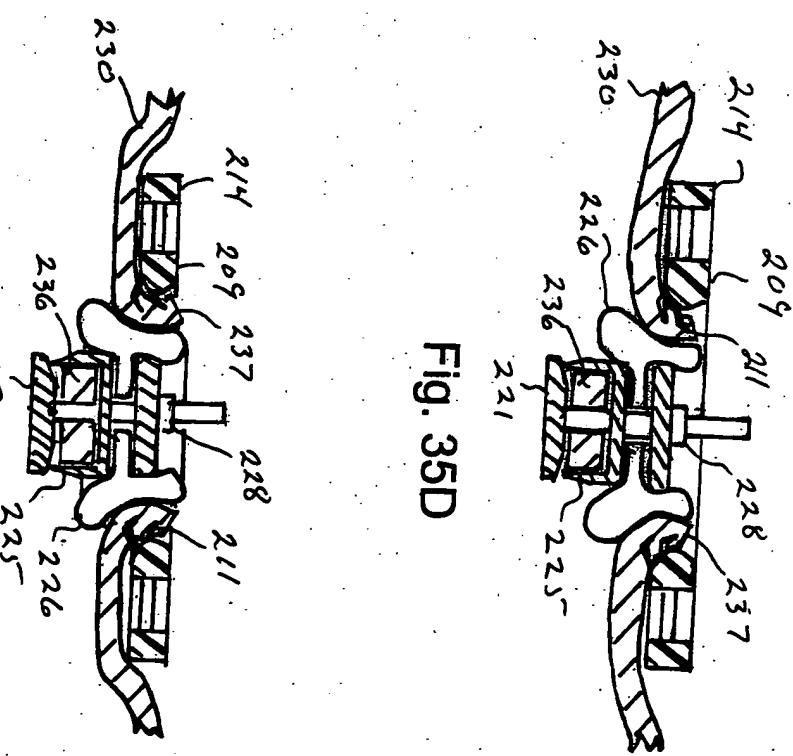


Fig. 35D

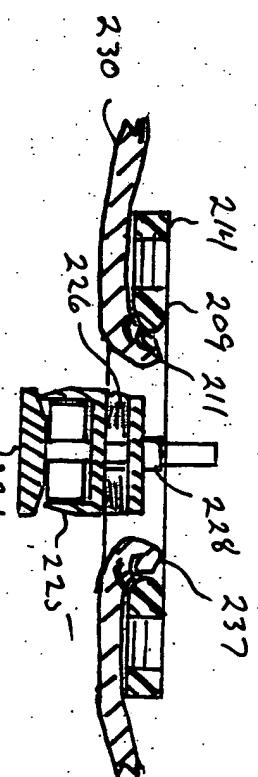


Fig. 35E

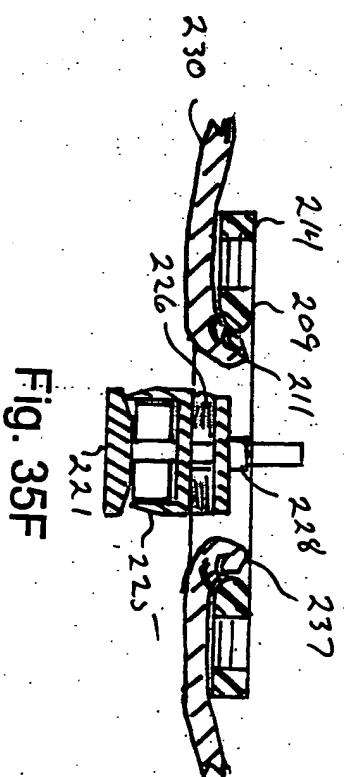


Fig. 35F

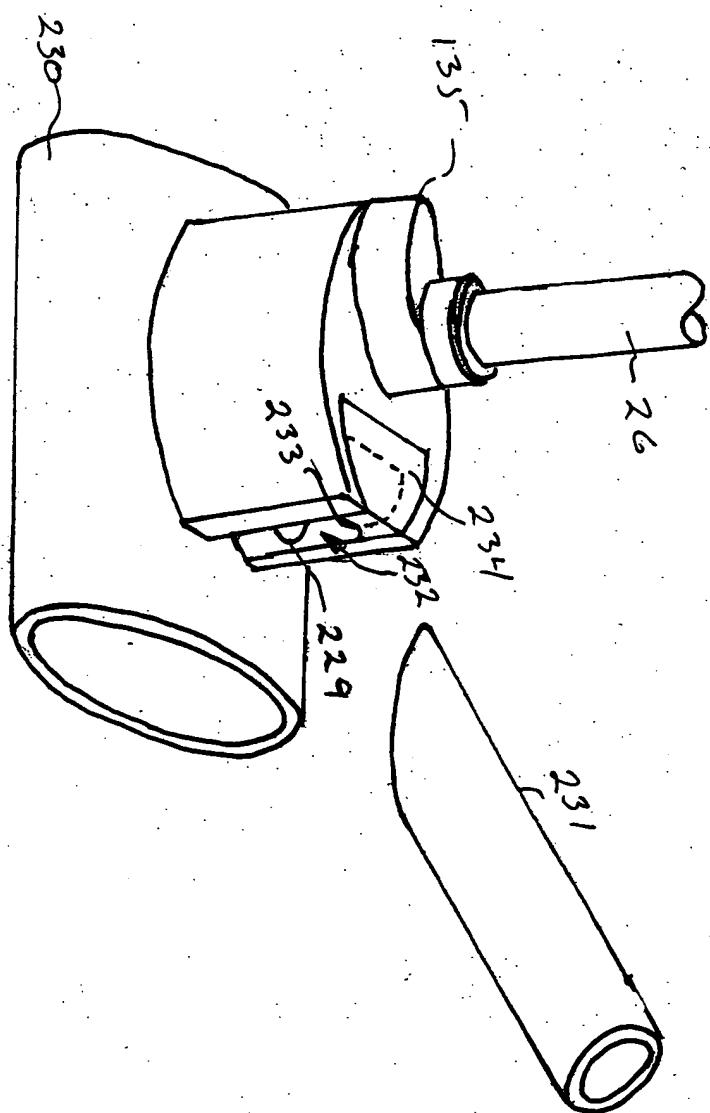


Fig. 36

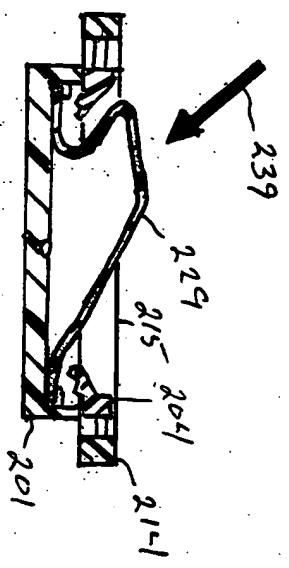


Fig. 37B

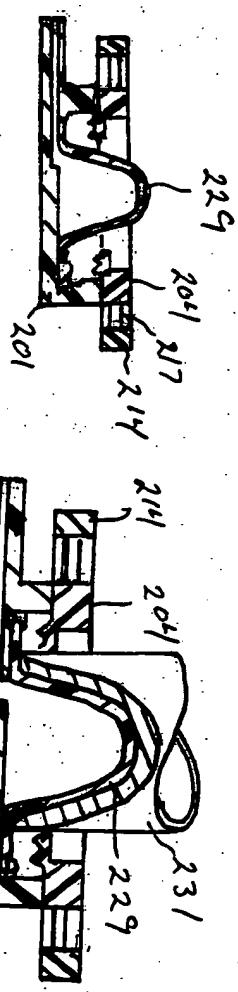


Fig. 37C

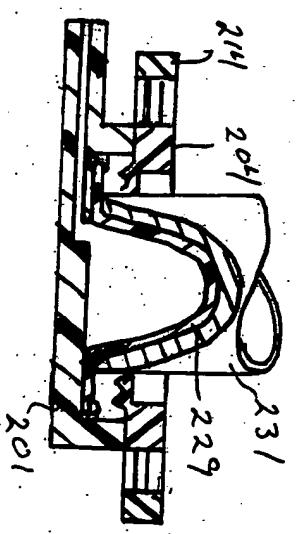
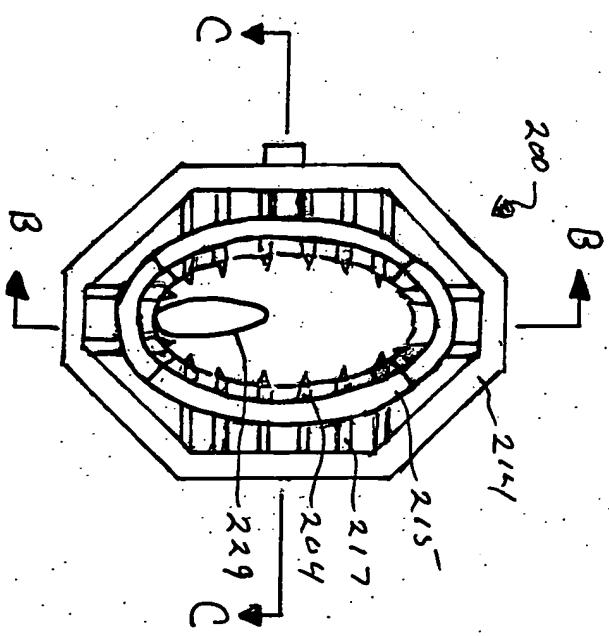


Fig. 37D



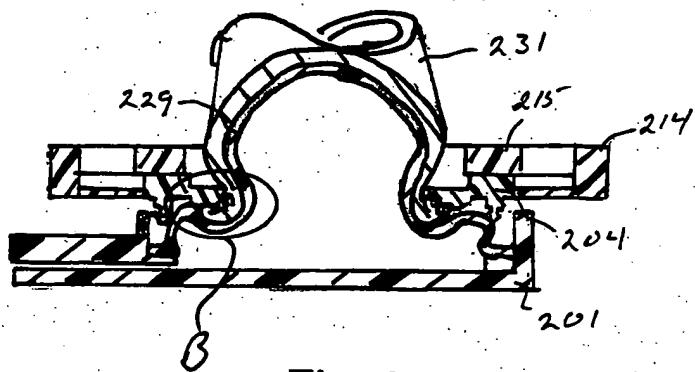


Fig. 38A

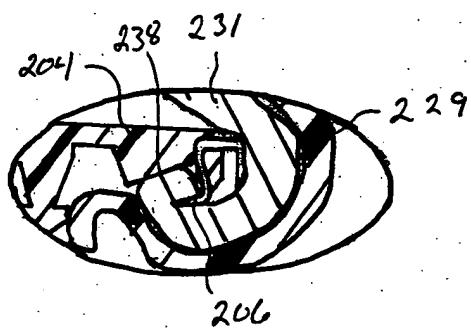


Fig. 38B

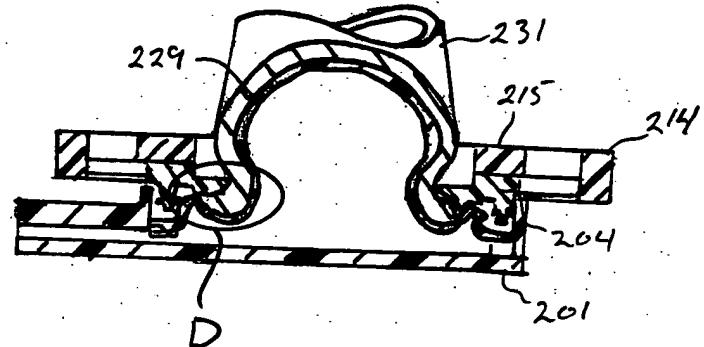


Fig. 38C

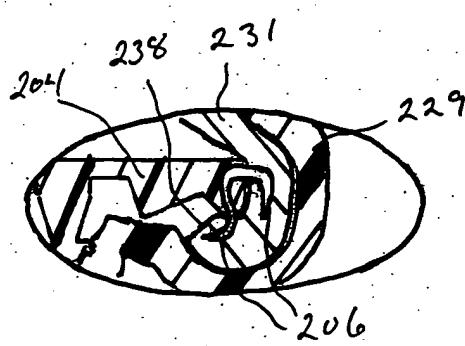
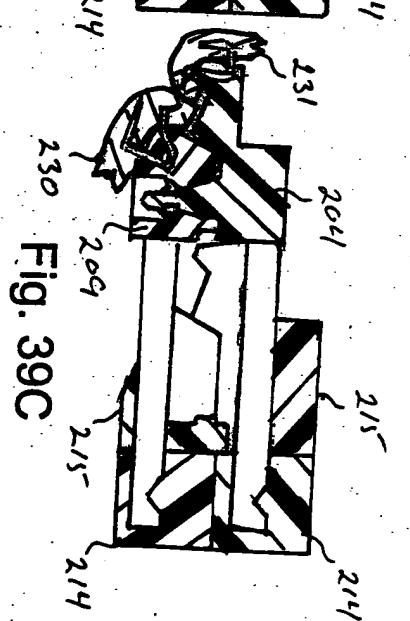
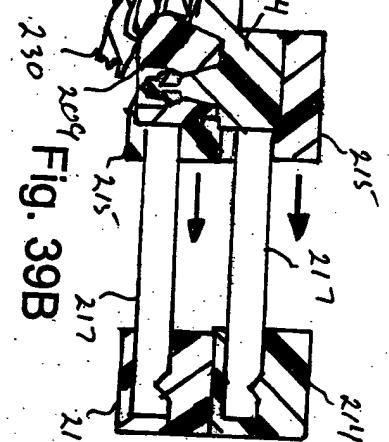
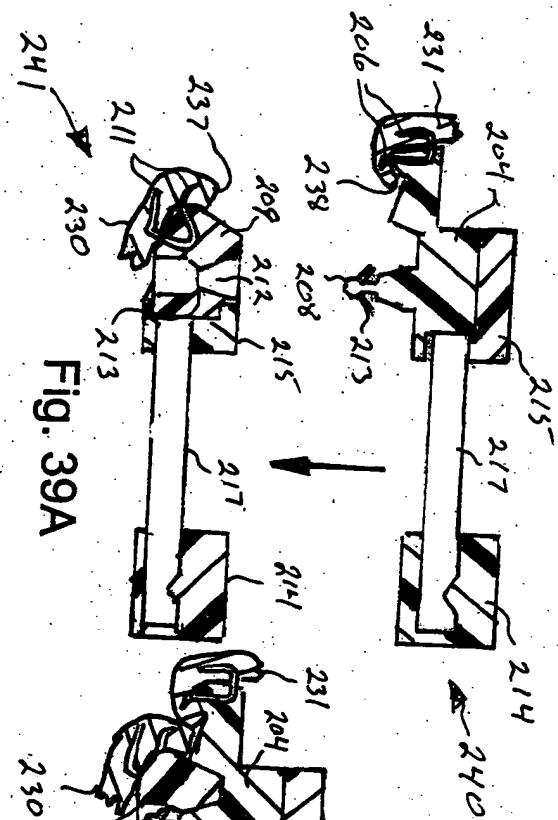
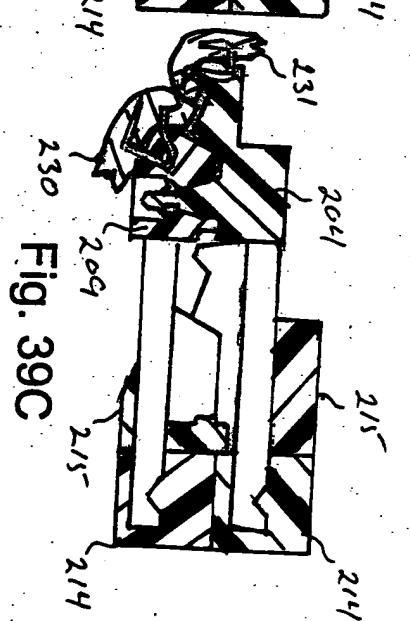
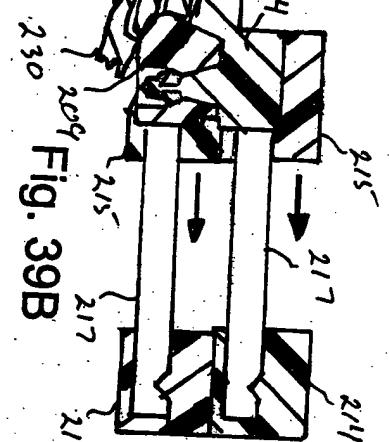
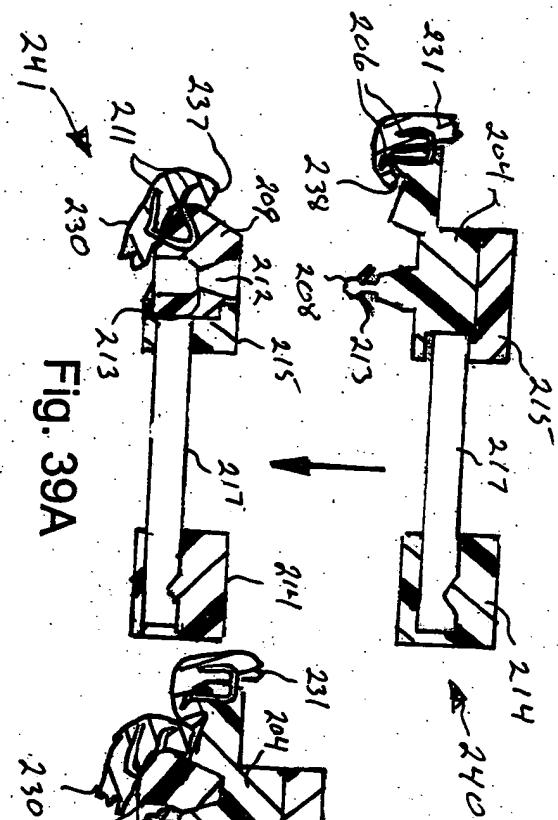
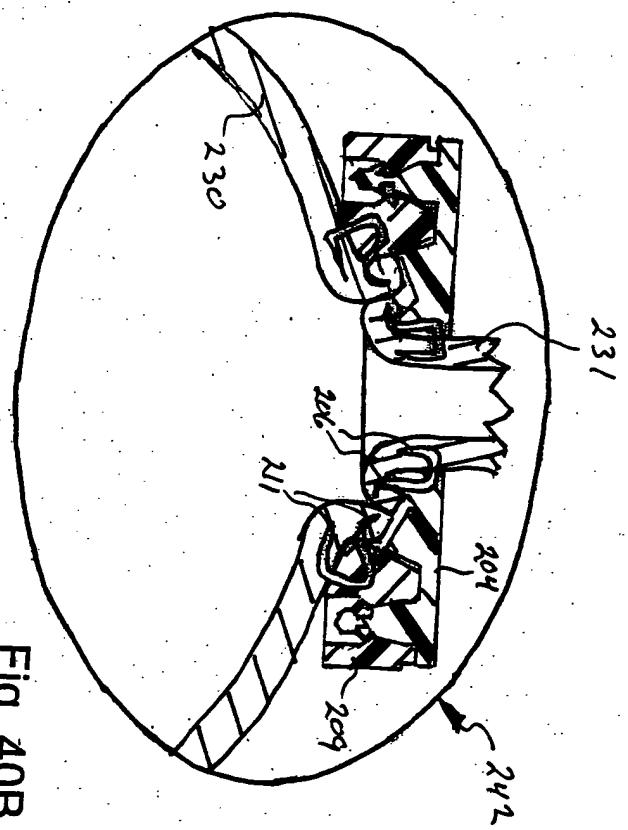
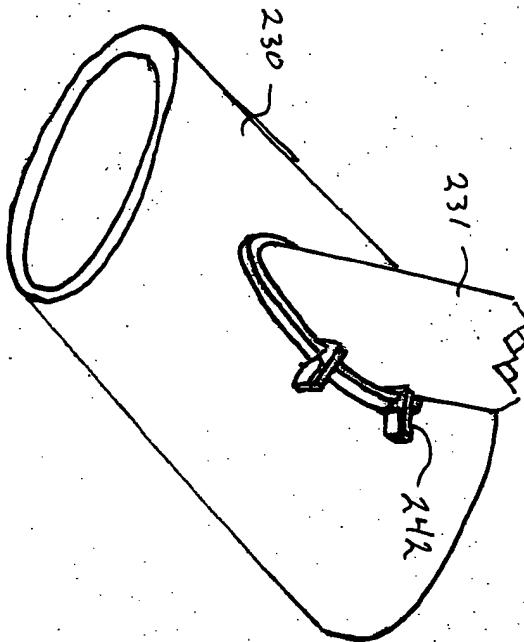


Fig. 38D



Confidential & Proprietary Information		Transmission Drive	Procedure Step Number
Applicator Action			
I.	Raise Side Graft Anvil	a	5
II.	Lower Side Graft Punch	b	6
III.	Lower Side Graft Shoe	a	7
IV.	Deploy Side & End Graft Balloons (Rigid)	c	8
V.	Raise Side Graft Shoe	a	9
VI.	Fully Inflated Side Graft Balloon	c	10
VII.	Raise Side Graft PAG Ring/Ejector Assembly	d	11
VIII.	Deflate/Wither Side Graft Balloon	c	12
IX.	Raise Side Graft Shoe	a	13
X.	Retract Side Graft Shoe	b	13
XI.	Deploy End Graft Balloon (Rigid)	c	13
XII.	Fully Inflated End Graft Balloon	c	13
XIII.	Raise End Graft Everter Assembly	c	15
XIV.	Deflate/Wither End Graft Balloon	e	16
XV.	Remove End Graft Everter	c	17
XVI.	Lower End Graft PAG Ring/Ejector ("Snap" to Side Graft Assembly)	b	17
XVII.	Retract PAG Rings (Eject PAG's)	e	18
XVIII.	Remove Retainer Pin (open ends of Ejector Rings)	f	19
Note : Steps 0, 1, 2, 3, 4 & 14 are performed manually by the surgeon.		20	

Type III Applicator Actions & Corresponding Transmission Drives

Fig. 41

Confidential & Proprietary Information

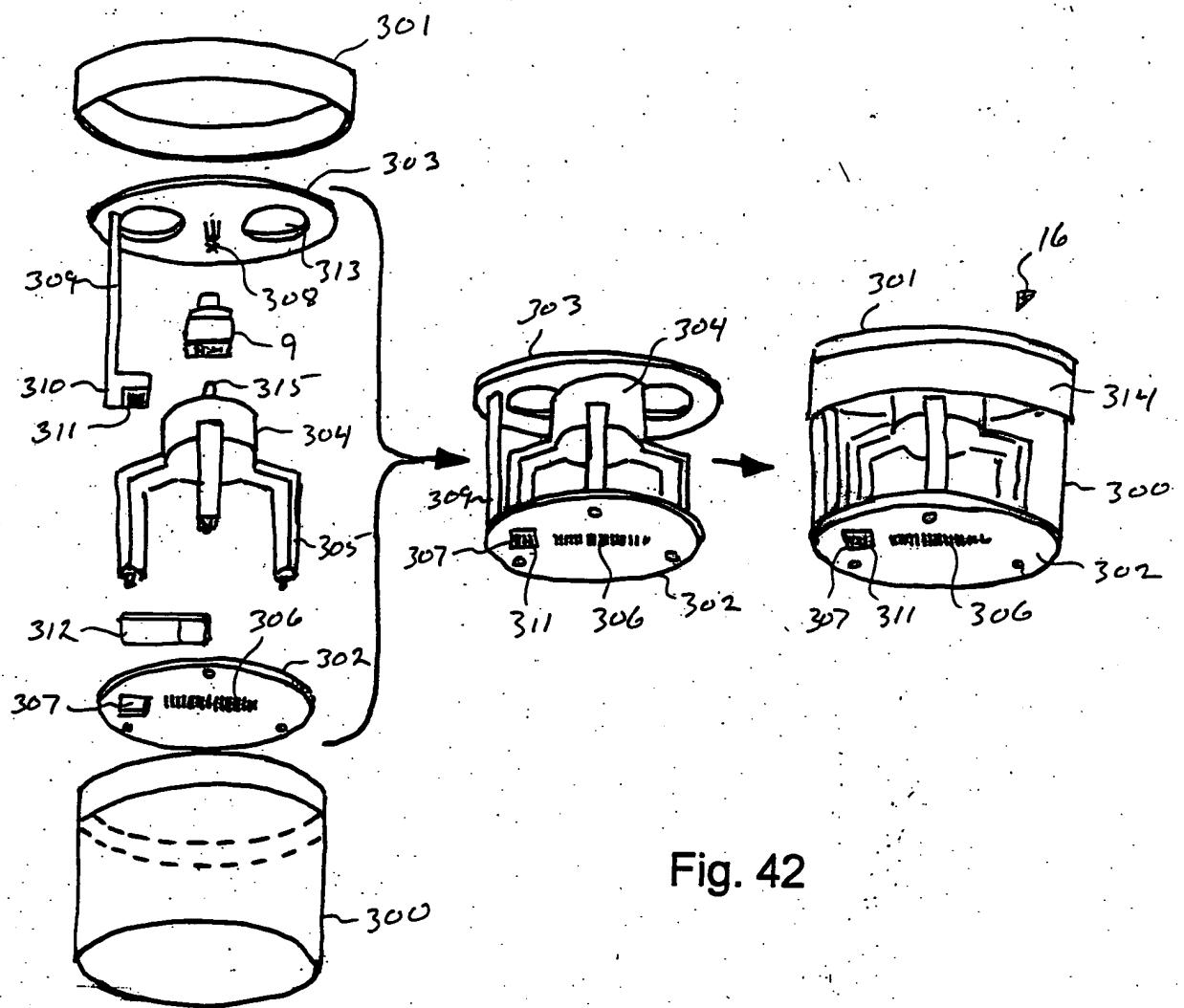
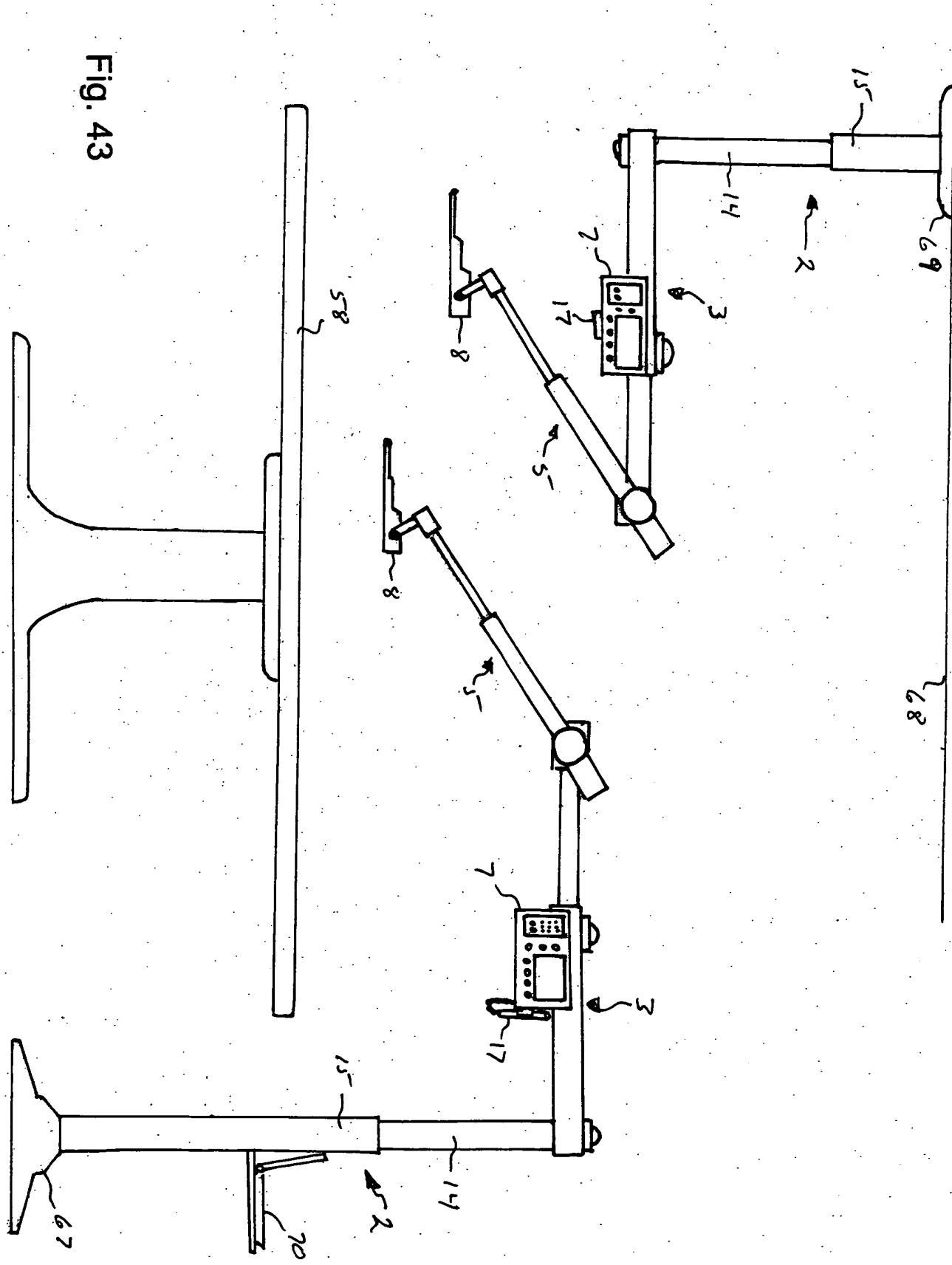


Fig. 42

Fig. 43



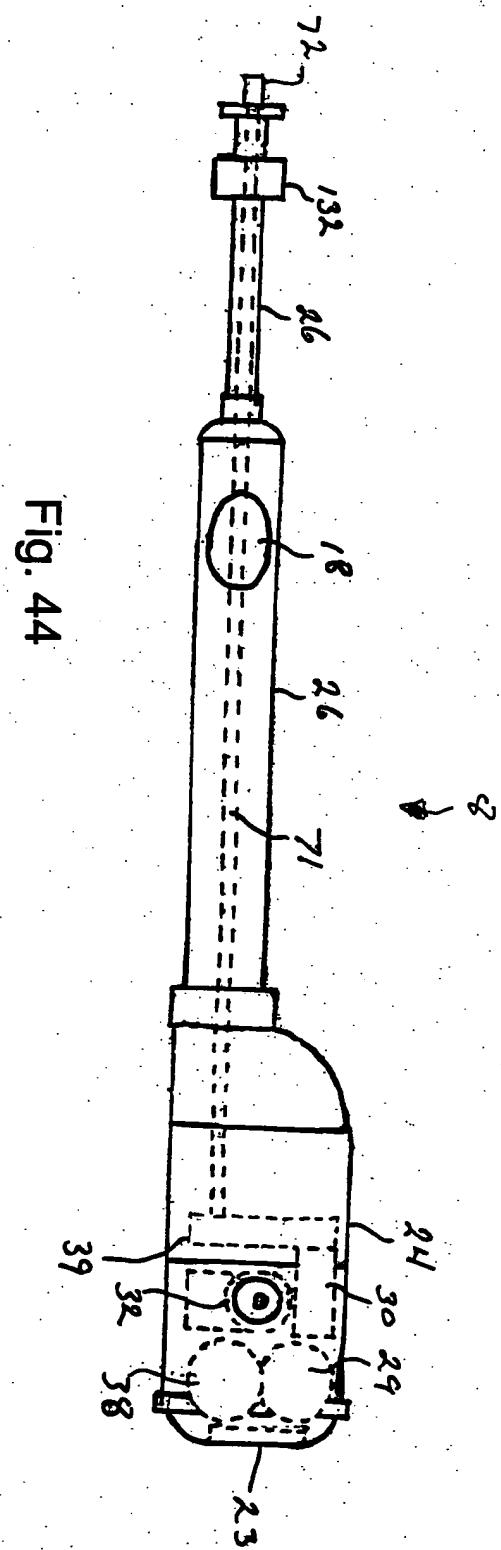


Fig. 44



Fig. 45

Fig. 46